DOE/EIA-0218(92-07)

Weekly Coal Production

Production for Week Ended: February 8, 1992





NOTICE

The Energy Information Administration is not planning to publish the monthly Domestic Market Supplement in this report after the December 1991 data are published in March 1992. These data will be incorporated into the <u>Quarterly Coal Report</u> (QCR) publication beginning with the January through March 1992 data, which will be published in the QCR in July 1992.

Preface

The Weekly Coal Production (WCP) report provides weekly estimates of U.S. coal production by State. Supplementary data are usually published monthly in two supplements: the Coal Exports and Imports Supplement and the Domestic Market Supplement. The Coal Exports and Imports Supplement contains detailed monthly data on U.S. coal and coke exports and imports. This week's Domestic Market Supplement contains detailed monthly electric utility coal statistics, by Census Division and State, for generation, consumption, stocks, receipts, sulfur content, prices, and the origin and destination of coal shipments. This supplement also contains summary-level, monthly data for all coal-consuming sectors on a quarterly basis.

Preliminary coal production data are published quarterly, based on production data collected using Form EIA-6, "Coal Distribution Report." Based on 1988 through 1990 data, the coal production estimation error for a quarter at the national level (i.e., the difference between the sum of the weekly estimates for a quarter and the quarterly EIA-6 preliminary data) ranges from 1 percent to 4 percent for 1988, 1 percent to 2 percent for 1989, and 0.3 percent to 3 percent for 1990.

Final coal production data are published annually, based on the EIA-7A coal production survey. Based on 1988 through 1990 data, the revision error for a

quarter at the national level (i.e., the difference between the EIA-6 preliminary data and the EIA-7A final data) ranges from 0.02 percent to 0.08 percent for 1988, 0.09 percent to 0.14 percent for 1989, and 0.01 percent to 0.05 percent for 1990. Usually the EIA-7A coal production data are higher than the EIA-6 coal production data, due to differences in the threshold reporting requirements.

This publication is prepared by the Survey Management Division, Office of Coal, Nuclear, Electric and Alternate Fuels; Energy Information Administration (EIA) to fulfill its data collection and dissemination responsibilities as specified in the Federal Energy Administration Act of 1974 (P.L. 93-275) as amended. Weekly Coal Production is intended for use by industry, press, State and local governments, and consumers. Other publications that may be of interest are the quarterly Coal Distribution, the Quarterly Coal Report, Coal Production 1990, and Coal Data: A Reference.

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This report was prepared by the Energy Information Administration, the independent statistical and analytical agency within the Department of Energy. The information contained herein should not be construed as advocating or reflecting any policy of the Department of Energy or any other organization.

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Summary

U.S. coal production in the week ended February 8, 1992, as estimated by the Energy Information Administration, totaled 19 million short tons. This was about the same as in the previous week, and 7 percent lower than in the comparable week in 1991.

Production east of the Mississippi River totaled 11 million short tons, and production west of the Mississippi River totaled 8 million short tons.

This report contains final 1990 electric utility data for generation, consumption, stocks and receipts.

Coal consumption at electric utility plants in November 1991 totaled 64 million short tons, which was 3 million short tons more than in November 1990. Total coal

consumption at electric utility plants for the first 1 months of 1991 was 706 million short tons, about the same as in the comparable period in 1990.

Electric utility coal stocks were 159 million short tor on November 30, 1991. This was 2 million short tor less than the level a year earlier.

Coal receipts at electric utility plants in October 199 were 66 million short tons, which was 3 million short tons lower than in October 1990. Total coal receipt at electric utility plants for the first 10 months of 199 totaled 639 million short tons. This was a 20 millio short tons decrease from the comparable period i 1990, reflecting a draw-down of coal stocks at electric utilities during 1991.

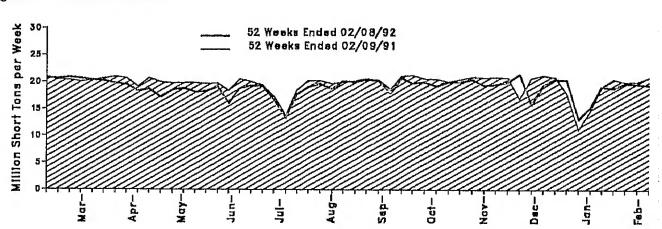


Figure 1. Coal Production

Table 1. Weekly U.S. Coal Production Overview

P or door of	Week Ended			52 Weeks Ended			
Production and Carloadings	02/08/92	02/01/92	02/09/91	02/08/92	02/09/91	Percen Change	
roduction (Thousand Short Tons)							
Bituminous Coal' and Lignite	19,336	19,521	20,760	984,435	1,017,116	-3.2	
Pennsylvania Anthracite	48	56	53	2,867	3,442	-16.7	
U.S. Total	19,384	19,577	20,813	987,302	1,020,558	-3.3	
ailroad Cars Loaded	124.679	125,849	131,440	6,493,197	6.641.872		

¹ Includes subbituminous coat.

Table 2. Weekly U.S. Coal Production by Region and State (Thousand Short Tons)

Region and State		Week Ended	
region and State	02/08/92	02/01/92	02/09/91
Bituminous Coal ¹ and Lignite			
East of the Mississippi	11,401	11,486	12,254
Alabama	608	590	588
Illinois	1.201	1,164	1,257
Indiana	587	601	556
Kentucky	3.020	2.935	3,430
Kentucky, Eastern	2,210	2,126	2,448
Kentucky, Western	811	809	982
Maryland	69	66	79
Ohio	551	611	636
Pennsylvania Bituminous	1,111	1,313	
Tennessee	92	90	1,190
Virginia	852	835	102
West Virginia	3.309		948
	0,000	3,280	3,469
West of the Mississippi	7.935	2.224	(
Alaska	36	8,034	8,505
Arizona	224	36	26
Arkansas	224	226	284
Colorado	367	•	*
lowa	367	249	469
Kansas	.,,	7	8
Louisjana	11	8	10
Missouri	29	24	52
Montana	42	42	39
New Mexico	778	824	753
North Dakata	463	566	408
North Dakota	589	624	644
Oklahoma	57	50	30
Texas :	983	993	1.051
Utah	463	315	536
Washington	96	97	105
Wyoming	3,792	3,972	4,091
tuminous Coal ¹ and Lignite Total	19,338	19,521	
ennsylvania Anthracite	48	56	20,760 53
S. Total	19,384	19,577	20,813

¹ Includes subbituminous coal.

Includes subpluminous coal.

* Less than 0.5 thousand short tons.

Notes: All data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration,

Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and State mining agency coal production reports.

Notes: All data are preliminary. Total may not equal sum of components because of independent rounding. Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and State mining agency coal production reports.

Table 3. Coal Supply and Demand, 1982-1991 (Thousand Short Tons)

(Modsand c	onort rons,				
Year and Month	Production	Consumption	Imports	Exports	Total Stocks ¹
1982	838,112	706,911	742	106,277	232,038
1983	782,091	736,672	1,271	77,772	202,585
1984	895,921	791,296	1,286	81,483	231,301
1985	883,638	818,049	1,952	92,680	203,367
1986	890,315	804,312	2,212	85,518	207,319
1987	918,762	836,941	1,747	79,607	213,780
1988	950,265	883,664	2,134	95,023	188,831
1989	,	,	_,		, , , , , , , , , , , , , , , , , , , ,
January	82,331	77,638	66	6,306	185,952
February	75,414	73,391	131	6,748	181,866
March	89,421	72,834	334	8,375	184,630
April	77,456	66,355	158	9,104	188,578
May	82,776	68,438	312	9,685	193,282
June	78,795	73,372	218	9,657	189,507
July	66.601	79,619	375	6,209	175,341
August	91,349	80,170	247	8,122	174,372
September	85,115	72,413	303	9,661	176,013
October	89,873	71,200	160	9,293	182,271
November	87,236	71,653	245	9,768	186,915
December	74,363	83,478	303	7,888	175,087
Total	980,729	890,559	2,851	100,815	170,007
1990					
January	90,561	77,041	175	7,447	179,459
February	82,021	68,369	268	6,243	186,448
March	91,602	71,308	292	8,693	195,842
April	83, 167	67,851	182	8,590	203,424
May	86,519	69,127	144	9,827	210,094
June	84,592	75,081	348	9,316	209,956
July	79,798	81,435	200	9,194	200,970
August	91,842	83,115	120	10,065	197,284
September	83, 120	76,742	194	10,238	195,298
October	93,424	75,098	284	8,756	201,683
November	86,763	71,855	224	9,621	206,348
December	75,666	79,405	268	7,813	201,629
Total	1,029,076	890,427	2,699	105,804	
1991					
January	86,058	81,734	263	6,214	196,651
February	82,835	68,309	429	8,127	202,570
March	85,271	69,321	246	7,977	209,852
April	79,554	64,394	198	6,917	215,146
May	80,141	70,214	248	10,018	217,347
June	77,131	74,716	284	9,278	212,796
July	79,973	81,245	348	10,099	204,562
August	89,131	81,244	248	10,541	199,633
September	81,789	73,943	387	10,557	197,960
October	90,441	NA	214	9,244	NA
November	81,845	NA	298	10,602	NA
December	79,414	NA	NA	AM	NA
	· · · · · · · · · · · · · · · · · · ·				

¹ The residential and commercial sector is not included. Stocks are reported as of the last day of the period.

Not available.

Note: Total may not equal sum of components because of independent rounding.

Sources: Production: Energy Information Administration (EIA) Form EIA-6, "Coal Distribution Report"; and State mining agency coal production reports. Imports: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145." Exports: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522." Consumption and Consumer Stocks: EIA, Form EIA-759, "Monthly Power Plant Report"; Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants"; Form EIA-5, "Coke Plant Report - Quarterly"; and Form EIA-6, "Coal Distribution Report."

Table 4. Coal Consumption, 1982-1991 (Thousand Short Tons)

	Clastifa	- In	dustrial		
Year and Month	Electric Utilities	Coke Plants	Other Industrial ¹	Residential and Commercial	Total
982	593,666	40,908	64,097	8,240	706,911
983	625,211	37,033	65,980	8,448	736,672
984	664,399	44,022	73,745	9,130	791,296
985	· ·	•	·	· ·	,
	693,841	41,056	75,372	7,779	818,049
986	685,056	36,006	75,583	7,667	804,312
987	717,894	36,957	75,175	6,914	836,941
988	758,372	41,910	76,252	7,130	883,664
089					
January	66,767	3,568	6,671	632	77,638
February	62,784	3,295	6,619	693	
March	62,764	3,722	6,595	512	73,391
April	56,144	•			72,834
May	58,527	3,613	6,088	511	66,355
June		3,525	6,050	336	68,438
July	63,635	3,368	6,073	296	73,372
Approx	69,720	3,527	5,875	496	79,619
August	70,493	3,336	5,891	449	80,170
September	62,910	3,320	5,865	318	72,413
	60,561	3,599	6,829	210	71,200
November	61,006	3,301	6,815	530	71,653
December	72,336	3,195	6,764	1,184	83,478
10141	766,888	41,369	76,134	6,167	890,559
990					
January	66,441	3,354	6,533	713	77,041
February	58,112	3,025	6,576	656	68,369
March	60,885	3,369	6,504	551	71,308
April	57,937	3,357	6,025	532	67.851
May	59,260	3,501	6,007	360	69,127
June	65,340	3,331	6,037	373	75,081
July	71,551	3,275	6,075	535	81,435
August	73,106	3,397	6,113	498	83,115
September	67,001	3,276	6,056	409	76,742
October	64,381	3,450	6,853	413	75,098
November	61,041	3,351	6,838	624	71,855
December	68,493	3,139	6,713	1,059	79,405
Total	773,549	39,824	76,330	6,724	896,427
991					
January	71,190	3,031	6,651	862	81,734
February	58,443	2,566	6,695	605	68,309
March	59,195	2,985	6,601	541	
April	55,483	2,675	5,791	445	69,321
May	61,298	2,710	5,841	365	64,394
June	65,777	2,690	5,893		70,214
July	71,862	2,929		355	74,716
August	71,902	2,929 2,916	6,027	427	81,245
September	64,652	•	6,023	387	81,244
October		2,932	6,039	320	73,943
	61,948	NA NA	NA	NA.	NA
November	63,830	NA	NA	NA	NA

Includes transportation.
 Not available.
 Note: Total may not equal sum of components because of Independent rounding.
 Sources: Energy Information Administration (EIA) Electric Utilities: Form EIA-759, "Monthly Power Plant Report." Coke Plants: Form EIA-5, "Coke Plant Report - Quarterly." Other Industrial: Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants" and Form EIA-6, "Coal Distribution Report."

Table 5. Coal Stocks, 1982-1991 (Thousand Short Tons)

		Cons	sumers		Producers
Year and Month ¹	Electric Utilities	Coke Plants	Other Industrial ²	Total	and Distributors
982	181,132	4,642	9,479	195,254	36,784
983	155,598	4,346	8,710	168,654	33,931
984	179,727	6,166	11,317	197,211	34,090
985	156,376	3,420	10,438	170,234	33,133
986	161,806	2,992	10,429	175,226	32,093
987	170,797	3,884	10,777	185,459	28,321
988	146,507	3,137	8,768	158,413	30,418
989					
January	142,538	3,264	8,073	153,876	32,076
February	137,363	3,391	7,378	148,132	33,734
March	139,036	3,518	6,683	149,238	35,392
April	144,674	3,466	6,679	154,819	33,759
May	151,067	3,413	6,675	161,155	32,127
June ,	148,981	3,361	6,671	159,013	30,494
July	134,865	3,476	7,054	145,395	29,946
August	133,948	3,591	7,436	144,975	29,397
September	135,640	3,707	7,818	147,165	28,848
October	142,280	3,426	7,660	153,372	28,899
November,	147,207	3,145	7,515	157,866	28,949
December	135,860	2,864	7,363	146,087	29,000
990	100.007	0.400	7.007	449.400	24.022
January	138,067	3,123	7,237	148,426	31,033
February	142,890	3,382	7,110	153,382	33,068
March	150,118	3,641	6,984	160,743	35,009
April	156,925	3,674	7,127	167,726	35,698
May	162,821	3,706	7,270	173,798	36,296
June	161,908	3,739	7,413	173,061	36,895
July	153,957	3,387	7,810	165,153	35,816
August	151,085	3,255	8,206	162,546	34,738
September	149,913	3,124	8,603	161,639	33,659
October	156,271	3,192	8,640	168, 104	33,579
November	160,911	3,260	8,678	172,850	33,499
December	156,166	3,329	8,716	168,210	33,418
9 <mark>91</mark>			• • • •	100.001	00.400
January	148,736	3,262	8,226	160,224	36,428
February	152,202	3,196	7,735	163,133	39,437
March	157,031	3,130	7,245	167,406	42,446
April	162,804	3,181	7,113	173,098	42,049
May	165,483	3,232	6,982	175,696	41,651
June	161,410	3,283	6,850	171,543	41,253
July	155,668	3,087	6,986	165,741	38,821
August	153,231	2,891	7,122	163,244	36,389
September	154,051	2,695	7,257	164,004	33,957
October	158,813	NA	NA	NA	NA
November	158,605	NA	NA	NA	NA

¹ Reported as of the last day of the period.

Manufacturing plants only.
 Not available.

Note: Total may not equal sum of components because of Independent rounding.

Sources: Energy Information Administration (EIA) Electric Utilities: Form EIA-759, "Monthly Power Plant Report." Coke Plants: Form EIA-5, "Coke Plant Report - Quarterly." Other industrial: Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants," Producers and Distributors: Form EIA-6, "Coal Distribution Report."

Table 6. Coal Statistics for Electric Utilities, 1982-1991

		Rece	eipts			Gene	ration	
Year and Month	Quantity (thousand short tons)	Percent Contract	Price (cents per MM Btu)	Quality (lbs. sulfur per MM Btu)	Consumption (thousand short tons)	Million kWh ¹	Percent ²	Stocks (thousand short tons
1982	601,427	90.4	165	1.42	593,666	1,192,004	53,2	181,132
1983	592,728	88.3	166	1.39	625,211	1,259,424	54.5	155,598
1984	684,111	85.5	166	1.39	664,399	1,341,681	55,5	179,727
1985	666,743	88.9	165	1.32	693,841	1,402,128	56.8	156,376
1986	686,964	87.5	158	1.32	685,056	1,385,831	55.7	161,806
1987	721,298	84.6	151	1.31	717,894	1,463,781	56.9	170,797
1988	727,775	86.3	147	1.26	758,372	1,540,653	57.0	146,507
1989						, ,		
January	62,443	82.6	143	1.28	66,767	135,181	58.1	142,538
February	56,634	82.9	145	1,29	62,784	127,187	57.9	137,363
March	63,218	83.4	144	1.28	62,005	126,725	55.9	139,036
April	62,076	82.2	144	1.27	56,144	115,451	55.5	144,674
May	64,796	84.0	145	1.30	58,527	119,108	54.1	151,067
June	61,272	83.9	145	1.26	63,635	128,615	54.6	148,981
July	55,429	83.2	144	1.22	69,720	138,638	53.9	134,865
August	70,147	82.9	145	1.29	70,493	141,901	54.9	133,948
September	64,539	81.1	146	1.27	62,910	126,898	55.9	135,640
October	66,578	80.7	145	1.29	60,561	122,393	55.7	142,280
November	65,570	80.7	144	1.28	61,006	124,338	56.7	147,207
Total	60,515 753,217	81.9 82.4	143 144	1.27 1.28	72,336 766,888	147,227 1,553,661	56.8 55.8	135,860
1900	ŕ			,,,,,		1,000,001	33,0	
January	67,636	82.7	145	4.00	*****			
February	62,296	82.1		1.30	66,441	132,623	55.9	138,067
March	67,536	81.9	147	1.30	58,112	116,071	54.5	142,890
Aprit	63,888	82.B	146	1.31	60,885	123,139	54.5	150,118
May	64,958	83.1	147	1.30	57,937	117,260	55.6	156,925
June	63,649	82.4	148 147	1.30	59,260	119,785	53.7	162,821
July	63,427	82.7	145	1.29 1.26	65,340	132,624	53.2	161,908
August	70,571	83.5	144	1.29	71,551	144,359	54.2	153,957
September	65,715	82.2	145	1.28	73,108	147,305	54.9	151,085
October	69,170	82.2	146	1.28	67,001 64,381	135,493	56.9	149,913
November	65,393	82.2	145	1.27	61,041	130,182	57.9	156,271
December	62,386	81.6	142	1,26	68,493	124,003 136,762	58.0 57.6	160,911
Total	786,627	82.5	145	1.29	773,549	1,559,606	55.5	156, 166
1991								
January	63,356	84,5	146	1.26	71,190	141,677	57.1	140 700
February	61,059	85.6	147	1.26	58,443	117,538	57.1 55.8	148,736
March	63,537	86.6	145	1.27	59,195	118,066	53.4	152,202
April	60,747	87.1	147	1.26	55,483	112,177	53.4	157,031 162,804
May	63,005	86,3	148	1.26	61,298	123,664	53.7 52.8	165,483
June	61,488	86.8	147	1.27	65,777	131,681	53,1	
July	64,752	86.3	143	1.24	71,862	143,586	53.1 52.9	161,410
August	69.552	85.6	143	1,25	71,919	143,898	52.9 53,8	155,668
September	65,071	85.5	143	1.26	64,652	129,244	55.3	153,231
October	66,043	84.1	144	1.25	61,948	125,327	56.2	154,051
November	NA	NA	NA	NA	63,830	128,973	58.4	158,813 158,605

¹ Kilowatthours

Coal-fired generation as a percentage of total generation.

Coat-fired generation as a percentage of total generation.
 Not available.
 Note: Total may not equal sum of components because of independent rounding. MM Blu represents million Blu.
 Sources: Receipts: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."
 Consumption, Stocks and Generation: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

Table 7. Coal-Fired Net Generation, November 1991 (Million Kilowatthours)

			İ			Year to Da	ite	
Census Division	November	November	Percent	Con	I Generation		Percent of To	tal Generation
and State	1991	1990	Change -	1991	1990	Percent Change	1991	1990
lew England	1,439	1,474	-2.4	15,490	14,919	3.8	19.5	17.4
Connecticut	187	219	-14.7	1,886	2,140	-11.8	8.5	7.3
Maine	-	-	-	` -	-	-	-	-
Massachusetts	1,025	970	5.7	10,716	10,162	5.4	32.9	30.2
New Hampshire	226	285	-20.7	2,888	2,617	10.3	25.6	27.8
Rhode Island	-	0	-	0	0	-	.0	.0
Vermont	_		-	-	-	-	-	-
liddle Atlantic	9,904	10,041	-1.4	119,218	122,403	-2.6	39.9	40.5
New Jersey	664	415	59.8	4,526	6,534	-30.7	13.3	19.7
New York	2,143	1,829	17.2	22,597	22,553	.2	19.6	19.1
Pennsylvania	7,097	7,797	-9.0	92,094	93,316	-1.3	61.9	61.7
ast North Central	30,024	28,438	5.6	334,737	330,866	1.2	73.3	74.3
Illinois	4,587	3,885	18.1	49,784	49,094	1.4	42.6	42.3
Indiana	8.059	7,006	15.0	88,345	87,990	.4	98.4	98.2
Michigan	4,872	5,209	-6.5	60,109	59,444	1.1	69.5	72.1
Ohlo	9,782	9,732	.5	105,761	104,983	.7	87.8	90.6
Wisconsin	2,723	2,607	4.5	30,739	29,355	4.7	71.4	70.8
Vest North Central	13,914	12,950	7.4	149,810	149,700	.1	74.3	75.5
lowa	2,205	1,729	27.5	23,545	22,508	4.8	82.8	85.6
Kansas	2,315	1,745	32.7	21,172	21,771	-2.8	70.5	70.3
Minnesota	2,134	2,088	2.2	22,650	24,996	-9.4	63.8	86.4
Missouri	3,635	4,085	-11.0	44,234	43,885	.8	79.8	82.1
Nebraska	1,055	893	18.2	12,360	11,587	6.7	58.5	58.7
North Dakota	2,311	2,194	5.3	23,335	22,755	2.5	93.5	93.5
South Dakota	258	216	19.8	2,514	2,198	14.3	41.1	37.3
South Atlantic	26,093	26,012	.3	285,851	294,785	-3.0	57.5	80.0
Delaware	338	438	-22.8	4,270	4,496	-5.0	61.2	68.0
District of Columbia	_	-	_		_	_	-	-
Florida	4,633	4,030	15.0	56,083	54,016	3.8	46.3	47.1
Georgia	5,231	5,169	1.2	56,009	62,297	-10.1	66.9	69.5
Maryland	1,581	2,008	-21.3	20,759	21,390	-3.0	59.7	74.1
North Carolina	4,575	4,051	12.9	42,663	43,061	~.9	55.9	58.2
South Carolina	2,098	1,686	24.5	21,273	21,043	1.1	33.0	33.3
Virginia	1,587	2,121	-25.2	20,002	18,898	5,8	44.7	43.6
West Virginia	6,048	6,510	-7.1	64,792	69,585	-6.9	99.2	99.1
East South Central	15,540	14,906	4.3	170,001	168,328	1.0	72.0	74.2
Alabama	5,021	4,377	14.7	53,396	48,892	9.2	69.0	69.6
	6,090	5,364	13.5	65,642	64,729	1.4	95.0	95.6
Mississippl	580	521	11.4	8,007	8,919	-10.2	37.1	41.1
Mississippl	3,849	4,645	-17.1	42,957	45,788	-6.2	63.2	68.2
TennesseeVest South Central	14,229	14,200	.2	166,461	163,794	1.6	47.6	47,6
	1,458	1,445	.9	18,135	17,164	5.7	51.8	50.6
Arkansas	1,396	1,484	-6.0	17,051	16,121	5.8	32.1	30,1
Louisiana	2,180	2,161	.9	23,724	22,752	4.3	57,3	54.9
Oklahoma	9,195	9,110	.9	107,551	107,757	2	48.9	50.0
Texas	•	15,171	9.0	164,582	170,257	-3.3	72.7	75.8
Mountain	16,544	2,124	42.4	29,164	29,137	.1	47.6	51.8
Arizona	3,025 2,426	2,325	4.4	26,249	26,858	-2.3	93.3	94.5
Colorado	2,420	2,025	7.7	20,2-10	20,000		-	-
Idaho	1,559	1,418	10.0	14,584	13,321	9.5	56.9	57.7
Montana		1,566	2	14,277	13,452	6.1	76.8	77.4
Nevada	1,563		21.3	19,967	23,633	-15.5	87.9	90.4
New Mexico	2,250	1,854	-13.8	26,137	28,721	-9.0	95.8	97.7
Utah	2,176	2,525	-13.6 5.6	34,204	35,136	-2.7	97.8	98.2
Wyoming	3,545	3,359			7,792	24.2	4.0	3,1
Pacific	1,286	810	58.7	9,678	1,132	-414 -	7.0	-
California	000	004	217	2,444	965	153.3	5.7	2.2
Oregon	322	264	21.7		6,548	6.0	7.4	7.2
Washington	935	534	75.1	6,939		5.9	7.4 7.5	6.9
Alaska	30	12	142.7	296	279	ა. ა _	7,5	0.8
Hawali ,	-	-	-	-	•	-		
J.S. Total	128,973	124,003	4.0	1,415,828	1,422,844	5	54.7	55.3

Notes: Negative generation denotes that electric power consumed for plant use exceeds gross generation. Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

Table 8. Coal Consumption at Electric Utility Plants, November 1991 (Thousand Short Tons)

and State 1991 1991 1990 1991 1990 Percent Change New England 532 484 550 5,796 5,692 2.0 Connecticut 70 24 88 753 872 -13.6 Massachusetts 374 367 351 3,912 3,797 3.0 New Hampshire 88 93 111 1,131 1,013 11.6 Rhode Island - - 0 0 0 - Middle Atlantic 4,004 3,879 4,047 48,198 49,607 -2.8 New Jersey 254 140 156 1,800 2,524 -28.7 New York 861 822 756 9,064 9,154 -1.0	Census Division	November	October	November		Year to Date	
Connecticut 70 24 88 753 872 132 Massachusettis 374 367 351 3,912 3,727 3.0 New Hampshire 88 9 33 111 1,131 1,013 11.0 New Hampshire 88 9 33 111 1,131 1,013 11.0 New Hampshire 4,004 3,879 4,047 48,198 49,607 2.2 New Hampshire 9,254 140 156 1,800 2,524 287 New York 881 822 756 9,664 9,154 -10, 2524 287 New York 881 822 756 9,664 9,154 -10, 2524 287 New York 14,192 14,652 13,237 158,972 150,757 1.4 New Jersey 14,192 14,193 14,					1991	1990	Percent Change
Massachusetts 574 367 351 3,912 3,797 3.0 New Hampshile 88 93 1111 1,131 1,013 116 Rhode Island - 0 0 0 0 0 2.2 New Jersy 254 140 156 1,800 2,524 288 New Jersy 254 140 156 1,800 2,524 288 New Jersy 254 140 156 1,800 2,524 228 New Jersy 256 1,606 1,625 1,237 136 37,334 37,929 -1,6 Femsylvaria 2,289 2,917 3,136 37,334 37,929 -1,6 Ballinds 2,237 2,270 1,338 25,567 24,947 2.6 Billinds 2,222 3,910 3,405 43,676 43,822 1 Wiscordin 4,028 3,931 4,945 4,578 5 Ohlo	New England		484	550	5,796	5,682	2.0
Massachusetts 374 367 361 3,912 3,797 30 Rhoel sistand - - 0 0 0 - Rhoel sistand - - 0 0 0 - New Jersy 254 140 156 1,800 2,524 228 New Jersy 251 160 156 1,800 2,524 228 New Jersy 261 822 756 0,064 3,154 -1.0 New Jersy 261 822 756 0,064 3,154 -1.0 Femply Price 261 2,977 3,133 37,334 37,922 -1.6 Least Birth Central 4,922 4,977 2,6 3,887 24,947 2.6 Indigina 2,223 2,910 3,803 25,567 24,947 2.6 Indigina 2,223 2,234 4,953 2,480 27,073 3,0 Ohio 4,938 3,913		70	24	88	753	872	-13.6
New Hampshire	Massachusetts	374	367	351	3,912	3,797	3.0
Rhode Island	New Hampshire	88	93	111	1,131		11.6
New Jork 234 140 158 1,800 2,524 227 227 227 237	Rhode Island	-	-	0	. 0	•	-
New Yersey	Middle Atlantic	4,004	3,879	4,047	48,198	49,607	-2.8
New York		254	140	158		•	-28.7
Penisyvania	New York	861	822	756	9,064	9.154	-1.0
Sast North Central 14,182 14,052 13,237 158,072 156,757 1,497 Illinios 2,373 2,270 1,930 25,567 24,947 2.6 Indiana 3,923 3,910 3,405 43,676 43,628 2.1 Michigan 2,283 2,384 2,983 27,688 27,089 2.3 Ohlo 4,098 3,913 4,005 44,801 44,578 4.1 Wiscondin 1,505 1,595 1,469 17,220 16,535 4.1 West North Central 8,999 8,685 8,125 95,379 93,897 1.8 Iowa 1,147 1,292 1,113 13,325 13,785 -3.3 Missouri 1,868 1,975 2,021 22,44 13,897 -2.9 Missouri 1,868 1,975 2,021 2,463 2,1893 2.6 North Dakota 1,902 1,868 1,975 2,021 2,463 2,1894 14.0<	Pennsylvania	2,890	2,917	3,136	37,334		-1.6
Illinois	East North Central	14,182	14,052	13,237			
Indiana	Illinois	2,373	2,270		•	,	
Michigan 2,283 2,364 2,363 27,688 27,089 2,3	Indiana	3,923	3,910	3,405			
Ohlo		2,283	2,364				
Wisconsin 1,505 1,595 1,469 17,220 16,535 4.4 West North Central 8,999 8,685 8,125 96,379 93,871 4.1 lowa 1,367 1,414 1,077 14,444 13,871 4.1 Kansas 1,439 1,222 1,113 13,325 13,785 -3.3 Minnesota 1,417 1,222 1,113 13,325 13,785 -3.3 Missouri 1,686 1,975 2,021 24,467 15,337 -2.9 Nebraska 660 1,975 2,021 24,469 15,337 -2.9 Nebraska 6,921 1,860 1,867 20,111 19,547 2.9 Nebraska 1,961 1,860 1,867 20,11 19,547 2.9 South Dakota 2,244 204 2,376 2,004 14,0 Delaware 148 149 183 1,811 11,9,50 11,72 2,237 2,0 1,0<		4,098	3,913				
West North Central 8,999 8,685 8,125 95,379 93,987 1,86 Lowa 1,367 1,414 1,077 14,444 13,871 4,1 Kansas 1,439 1,222 1,113 13,325 13,785 -3.3 Missour 1,868 1,975 2,021 22,463 21,893 2.6 Nerth Dakota 1,868 1,975 2,021 22,463 21,893 2.6 North Dakota 1,982 1,866 1,867 20,111 19,541 2.9 North Dakota 1,992 1,866 1,867 20,111 19,541 2.9 South Adantic 1,992 1,860 1,861 2,071 1,944 140 2,07 2,004 14.0 140 140 140 140 140 13,970 117,265 2.2 2,004 14.0 140 140 140 140 140 140 140 140 140 140 140 140 140 <t< td=""><td>Wisconsin</td><td>1,505</td><td></td><td></td><td>•</td><td></td><td></td></t<>	Wisconsin	1,505			•		
Lowa	West North Central	•	•		• •		
Kansas 1439 1,262 1,112 13,325 13,785 2.3. Minnesota 1,417 1,292 1,274 14,897 15,337 2.9. Missouri 1,868 1,975 2,021 22,463 21,893 2.6. Nebraska 671 632 569 7,763 7,341 5.8. Nebraska 671 632 569 7,763 7,341 5.8. Nebraska 671 632 569 7,763 7,341 5.8. North Dakota 1,992 1,866 1,867 20,111 19,547 2.9. South Dakota 244 224 204 2,376 2,084 14.0. South Dakota 10,181 9,680 10,311 113,970 117,265 2.8. South Dakota 1,881 149 183 1,815 1,882 -3.6. Florida 1,881 2,157 1,648 22,857 21,971 4.0. Georgia 1,881 2,157 1,648 22,857 21,971 4.0. Georgia 2,097 1,871 2,175 23,227 25,001 9.3. Maryland 585 705 758 7,920 8,203 -3.5. North Carolina 1,712 1,332 1,542 16,620 16,612 A South Carolina 815 866 672 8,457 8,425 4. West Virginfa 2,352 1,911 2,519 25,288 27,156 -7.0. sat South Central 6,415 6,255 6,223 71,796 71,155 .9. Alabama 2,098 2,069 1,788 22,017 20,175 9,1 Mississippl 236 284 219 3,303 3,662 -9.8 Mississippl 236 284 219 3,303 3,662 -9.8 Mississippl 236 284 219 3,003 14,544 14,167 1.7 Arkansas 908 879 907 11,085 10,911 4,557 1,684 1,694 1,60			•	•	•	•	
Minsoota 1,417 1,292 1,274 14,897 15,337 2,29 Missouri 1,868 1,975 2,021 22,463 21,893 2,6 Nebraska 671 632 5699 7,763 7,341 5,8 North Dakota 1,902 1,866 1,867 20,111 19,547 2,9 South Dakota 2,44 224 204 2,376 2,084 14,0 South Atlantic 10,181 9,680 10,311 113,970 117,265 2,8 Belaware 148 149 183 1,815 1,882 -3.6 Florida 1,861 2,157 1,648 22,857 21,971 4,0 Georgia 2,097 1,871 2,175 23,227 25,601 -9.3 Maryland 565 705 705 758 7,920 8,203 -3.5 North Carolina 1,712 1,382 1,542 16,820 16,612 ^ Avirginia 815 868 672 8,457 8,425 4, Virginia 810 637 815 7,806 7,414 5,3 West Virginia 6,415 6,255 6,223 71,796 71,155 -9 Alabama 2,038 2,069 1,788 2,017 20,175 9,1 Kentucky 2,002 2,481 2,311 28,792 28,327 1,6 Mississippl 236 284 219 3,303 3,602 -9.8 Mississippl 246 286 879 997 11,085 16,991 6,90 Arkansas 867 997 1,085 11,182 10,611 4,55 Cuilsian 877 922 955 11,182 10,611 4,55 Cuilsian 887 922 955 11,182 10,611 5,33 Civil Central 9,789 9,435 9,810 116,109 114,157 1.7 Arkansas 86,691 8,614 8,699 997 11,085 10,611 4,55 Cuilsian 887 922 955 11,182 10,616 5,33 Civil Central 1,305 1,121 1,280 17,685 18,991 -6,9 Vest South Central 9,789 9,435 9,810 116,109 114,157 1.7 Arkansas 86,691 8,614 8,668 79,615 79,523 1 Coursian 1,305 1,121 1,280 14,226 13,407 6,11 Texas 6,691 8,614 8,699 997 11,085 10,611 4,51 Coursian 1,305 1,121 1,280 14,226 13,407 6,11 Texas 6,691 8,614 8,668 79,615 79,523 1 Coursian 1,305 1,121 1,280 14,226 13,407 6,11 Texas 6,691 8,614 8,698 99,615 79,523 1 Coursian 1,305 1,121 1,280 14,226 13,407 6,11 Texas 6,691 8,614 8,698 99,615 79,523 1 Coursian 1,305 1,121 1,280 14,226 13,407 6,11 Texas 6,691 8,614 8,698 99,615 79,523 1 Coursian 1,305 1,121 1,280 14,226 13,407 1 Coursian 1,305 1,121 1,306 1,500 14,226 13,407 1 Coursian 1,305 1,217 1,280 14,226 13,407 1 Coursian 1,305 1,217 1,250 2 Coursian 1,305 1,21		•		•	•		
Missouri 1,868 1,975 2,021 22,463 21,893 2.6 Nerhaska 671 632 589 7,763 7,341 5.8 North Dakota 1,992 1,866 1,867 2,011 19,547 2.9 South Dakota 244 224 204 2,376 2,084 14.0 South Allantic 10,181 9,680 10,311 113,970 117,265 -2.8 Delaware 148 149 183 1,815 1,882 -3.6 Florida 1,861 2,167 1,648 22,857 21,971 4.0 Georgia 2,097 1,871 2,175 1,648 22,857 21,971 4.0 Georgia 2,097 1,871 2,175 1,648 22,857 21,971 4.0 Georgia 2,097 1,871 2,175 1,648 22,857 21,971 4.0 Georgia 2,007 3,815 7,60 7,920 8,203	Minnesota					•	
Nebraska 671 632 569 7,763 7,341 5.8 North Dakota 1,992 1,866 1,867 20,111 19,347 2.9 South Dakota 244 224 204 2,376 2,011 19,347 2.9 South Dakota 244 224 204 2,376 2,011 19,347 2.9 South Atlantic 10,181 9,680 10,311 113,970 117,265 -2.8 Delaware 148 149 183 1,815 1,882 -3.6 Florida 1,861 2,157 1,648 22,857 21,971 4.0 Georgia 2,007 1,871 2,175 23,227 25,601 9.3 Maryland 585 705 705 758 7,920 8,203 -3.5 North Carolina 1,712 1,382 1,542 16,620 16,612 ^ A South Carolina 1,712 1,382 1,542 16,620 16,612 ^ A South Carolina 815 866 672 8,457 8,425 4 4 Grida 845 7 Grida 1,861 2,352 1,911 2,519 25,268 27,156 -7.0 ast South Central 6,415 6,255 6,223 71,798 71,185 .9 Alabama 2,038 2,068 1,788 22,017 20,175 9,1 Kenlucky 2,2602 2,481 2,311 28,792 28,327 1.6 Mississipp 236 284 219 3,303 3,662 -9,8 Tennessee 1,539 1,421 1,306 17,085 13,991 -6,9 Vest South Central 9,789 9,435 9,810 116,109 114,157 1,77 47,45asas 98 8,79 907 11,085 13,991 -6,9 Vest South Central 9,789 9,435 9,810 116,109 114,157 1,7 1,7 1,7 1,7 1,7 1,7 1,7 1,7 1,7 1,					•	•	
North Dakota	Ne braska		•		•		
South Dakota 244 224 204 2,376 2,084 14,0 South Albartic 10,181 9,680 10,311 113,970 117,265 -2,8 Delaware 148 149 183 1,915 1,862 -3,6 Florida 1,861 2,157 1,648 22,857 21,971 4,0 Georgia 2,097 1,871 2,175 23,227 25,601 -9,3 Maryland 685 705 758 7,920 8,203 -3,5 North Carolina 1,712 1,382 1,542 16,620 16,612 ^A North Carolina 815 866 672 8,457 8,425 4 Virginia 610 637 815 7,906 7,144 5,3 West Virginia 2,352 1,911 2,519 25,668 27,156 -7,0 ast South Central 6,415 6,255 6,223 71,796 71,155 9,1 Kentucky<							
South Adantic 10,181 9,680 10,311 113,970 117,285 -2.8 Polaware 148 149 183 1,815 1,882 -3.6 Florida 1,861 2,157 1,648 22,867 21,971 4,0 Georgia 2,097 1,871 2,175 23,227 25,601 -9.3 Maryland 585 705 758 7,920 8,203 -3.5 North Carolina 1,712 1,382 1,542 16,620 16,612 ^ North Carolina 815 866 672 8,467 8,425 4,					•		
Delaware 148 149 183 1,815 1,882 -3.6 Florida 1,861 2,167 1,648 22,857 21,971 4.0 Georgia 2,097 1,871 2,175 23,227 25,601 -9.3 Maryland 585 705 758 7,920 8,203 -3.5 North Carolina 1,712 1,382 1,542 16,620 16,612 ^A Yorgina 610 637 815 7,806 7,414 5.3 West Virgina 610 637 815 7,806 7,414 5.3 West Virgina 6,415 6,255 6,223 71,796 7,155 .9 Alabama 2,038 2,069 1,788 22,017 20,175 .9 Alabama 2,038 2,069 1,788 22,017 20,175 .9 Alabama 2,038 2,689 1,788 22,017 20,175 .9 Mississippi 236	South Atlantic						
Florida	Delaware	• • •	•				
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Maryland 585 705 758 7,920 8,203 -3.5 North Carolina 1,712 1,382 1,542 16,620 16,612 ^A Nouth Carolina 815 868 672 8,457 8,425 .4 Virginia 610 637 815 7,806 7,414 5.3 West Virginia 2,352 1,911 2,519 25,268 27,156 -7.0 ast South Central 6,415 6,255 6,223 71,798 71,155 .9 Alabama 2,038 2,069 1,788 22,017 20,175 9.1 Kentucky 2,602 2,481 2,311 28,792 28,327 1.6 Misslssippl 236 284 219 3,303 3,662 -9.8 Tennessee 1,539 1,421 1,906 17,085 18,991 -6.9 Vest South Central 9,789 9,435 9,810 116,109 114,157 1.7		• • • • •	•				
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South Carolina 815 866 672 8,457 8,425 .4 Wriginia 610 637 815 7,806 7,414 5.3 West Virginia 2,352 1,911 2,519 25,268 27,156 -7.0 ast South Central 6,415 6,255 6,223 71,796 71,155 .9 Alabama 2,038 2,069 1,788 22,017 20,175 9.1 Kentucky 2,602 2,481 2,311 28,792 29,327 1.6 Mississippi 236 284 219 3,303 3,662 -9.8 Tennessee 1,539 1,421 1,906 17,685 18,991 -6.9 Yest South Central 9,789 9,435 9,810 116,109 114,157 1.7 Arkansas 906 879 907 11,085 10,611 4.5 Louislana 887 922 955 11,182 10,616 5.3 Oklahoma<						•	
Virginia 610 637 815 7,806 7,414 5,3 West Virginia 2,352 1,911 2,519 25,268 27,156 -7,0 ast South Central 6,415 6,255 6,223 71,796 71,155 .9 Alabama 2,038 2,069 1,788 22,017 20,175 .9.1 Kentucky 2,602 2,481 2,311 28,792 29,327 1.6 MissIssippi 236 284 219 3,303 3,662 -9.8 Tennessee 1,539 1,421 1,906 17,685 18,991 -6,9 Vest South Central 9,789 9,435 9,810 116,109 114,157 1,7 Arkansas 906 879 907 11,085 10,611 4,5 Louisiana 887 922 955 11,182 10,616 5.3 Oklahoma 1,305 1,211 1,280 14,226 13,407 6.1 Texas	South Carolina						
West Virginia 2,352 1,911 2,519 25,268 27,156 -7.0 asst South Central 6,415 6,255 6,223 71,796 71,155 .9 Alabama 2,038 2,069 1,788 22,017 20,175 9.1 Kentucky 2,602 2,481 2,311 28,702 28,327 1.6 Mississippi 236 284 219 3,303 3,662 -9.8 Tennessee 1,539 1,421 1,906 17,685 18,991 -6,9 Vest South Central 9,789 9,435 9,810 116,109 114,157 1.7 Arkansas 908 879 907 11,085 10,611 4.5 Louisiana B87 922 955 11,182 10,616 5.3 Oklahoma 1,305 1,121 1,280 14,226 13,407 6.1 Texas 6,691 6,514 6,668 79,615 79,523 .1 T							.4
ast South Central 6,415 6,255 6,223 71,796 71,155 .9 Alabama 2,038 2,069 1,788 22,017 20,175 9.1 Kentucky 2,602 2,481 2,311 28,792 28,327 1.6 Mississippi 236 284 219 3,303 3,662 -9.8 Tennessee 1,539 1,421 1,906 17,685 18,991 -6.9 Vest South Central 9,789 9,435 9,810 116,109 114,157 1.7 Arkansas 906 879 907 11,085 10,611 4.5 Louisiana 887 922 955 11,182 10,616 5.3 Oklahoma 1,305 1,121 1,280 14,226 13,407 6.1 Texas 6,691 6,514 6,668 79,615 79,523 .1 Iountain 8,899 8,614 8,179 88,949 91,358 -2.6 Arizona					•	7,414	5.3
Alabama 2,038 2,069 1,788 22,017 20,175 9.1 Kentucky 2,602 2,481 2,311 28,792 28,327 1.6 Mississippi 236 284 219 3,303 3,662 -9.8 Vest South Central 9,789 9,435 9,810 116,109 114,157 1.7 Arkansas 906 878 907 11,085 10,611 4.5 Arkansas 906 878 907 11,085 10,611 4.5 Arkansas 906 878 907 11,085 10,611 4.5 Louisiana 887 922 955 11,182 10,616 5.3 Oklahoma 1,305 1,511 1,280 14,226 13,407 6.1 Texas	set South Control		•	• •	•	27,156	-7.0
Kentucky 2,602 2,481 2,311 28,792 28,327 1.6 Mississippl 236 284 219 3,303 3,662 -9.8 Fennessee 1,539 1,421 1,906 17,685 18,991 -6,9 Vest South Central 9,789 9,435 9,810 116,109 114,157 1.7 Arkansas 906 879 907 11,085 10,611 4.5 Loulsiana 887 922 955 11,182 10,616 5.3 Oklahoma 1,305 1,211 1,280 14,226 13,407 6.1 Texas 6,691 6,514 6,668 79,615 79,523 .1 Iountain 8,899 8,614 8,179 88,949 91,358 -2,6 Arizona 1,492 1,584 1,033 14,544 14,514 .2 Colorado 1,492 1,584 1,033 14,544 14,514 .2 New Maclo	Alahama					71,155	.9
Mississippi 236 284 219 3,303 3,662 -9.8 Tennessee 1,539 1,421 1,906 17,685 18,991 -6,9 Vest South Central 9,789 9,435 9,810 116,109 114,157 1.7 Arkansas 906 878 907 11,085 10,611 4.5 Louisiana B87 922 955 11,182 10,616 5.3 Oklahoma 1,305 1,121 1,280 14,226 13,407 6.1 Texas 6,691 8,514 6,668 79,615 79,523 .1 fountain 8,899 8,614 8,179 88,949 91,358 -2,6 Arizona 1,492 1,584 1,033 14,544 14,514 .2 Colorado 1,233 1,258 1,267 14,003 14,443 -3.0 Montana 927 1,021 885 9,248 8,401 10.1 New Mexico				,	•	20,175	9.1
Tennessee 1,539 1,421 1,506 17,685 18,991 -6,9 Vest South Central 9,789 9,435 9,810 116,109 114,157 1,7 Arkansas 906 878 907 11,085 10,611 4,5 Louislana B87 922 955 11,182 10,616 5.3 Oklahoma 1,305 1,121 1,280 14,226 13,407 6.1 Texas 6,691 6,514 6,668 79,615 79,523 .1 Journal 8,899 8,614 8,179 88,949 91,358 -2,6 Arizona 1,492 1,584 1,033 14,544 14,514 .2 Colorado 1,233 1,258 1,267 14,003 14,443 -3.0 Montana 927 1,021 885 9,248 8,401 10.1 Nev Mexico 1,290 1,281 1,093 11,527 13,790 -16,4 Utah			•		28,792	28,327	1.6
Vest South Central 9,789 9,435 9,810 116,109 114,157 1.7 Arkansas 906 878 907 11,085 10,611 4.5 Louisiana B87 922 955 11,182 10,616 5.3 Oklahoma 1,305 1,121 1,280 14,226 13,407 6.1 Texas 6,691 8,514 6,668 79,615 79,523 .1 to untain 8,899 8,614 8,179 88,949 91,358 -2.6 Arizona 1,492 1,584 1,033 14,544 14,514 .2 Colorado 1,233 1,258 1,267 14,003 14,443 -3.0 Montana 927 1,021 985 9,248 8,401 10.1 New Adad 757 559 771 7,145 6,502 9.9 New Mexico 1,290 1,281 1,093 11,527 13,790 -16.4 Utah					3,303	3,662	-9.8
Arkansas 906 879 907 11,085 10,611 4.5 Louisiana 887 922 955 11,182 10,616 5.3 Okłahoma 1,305 1,121 1,280 14,226 13,407 6.1 Texas 6,691 6,514 6,668 79,615 79,523 .1 Iountain 8,899 8,614 8,179 88,949 91,358 -2.6 Arizona 1,492 1,584 1,033 14,544 14,514 2 Colorado 1,233 1,258 1,267 14,003 14,443 -3.0 Montana 927 1,021 885 9,248 8,401 10.1 Nevada 757 559 771 7,145 6,502 9.9 New Mexico 1,290 1,281 1,093 11,527 13,790 -16.4 Utah 1,028 1,160 1,090 11,572 12,348 -6.3 Wyoming 2,172 1,752 2,040 20,911 21,361 -2.1 acific					17,685	18,991	-6,9
Louisiana B87 922 955 11,182 10,616 5.3 Okłahoma 1,305 1,121 1,280 14,226 13,407 6.1 Texas 6,691 6,514 6,668 79,615 79,523 .1 lountain 8,899 8,614 8,179 88,949 91,358 -2.6 Arizona 1,492 1,584 1,033 14,544 14,514 .2 Colorado 1,233 1,258 1,267 14,003 14,443 -3.0 Montana 927 1,021 885 9,248 8,401 10.1 Nevada 757 559 771 7,145 6,502 9.9 New Mexico 1,290 1,281 1,093 11,527 13,790 -16.4 Utsh 1,028 1,160 1,090 11,572 12,348 -6.3 Wyoming 2,172 1,752 2,040 20,911 21,361 -2.1 acific 830	vest south Central		•	9,810	116,109	114,157	1.7
Oklahoma 1,305 1,121 1,280 14,226 13,407 6.1 Texas 6,691 6,514 6,668 79,615 79,523 .1 fountain 8,899 8,614 8,179 88,949 91,368 -2,6 Arizona 1,492 1,584 1,033 14,544 14,514 .2 Colorado 1,233 1,258 1,267 14,003 14,443 -3.0 Montana 927 1,021 885 9,248 8,401 10.1 Nevada 757 559 771 7,145 6,502 9.9 New Mexico 1,290 1,281 1,093 11,527 13,790 -16.4 Utah 1,028 1,160 1,090 11,572 12,348 -6.3 Wyoming 2,172 1,752 2,040 20,911 21,361 -2.1 acific 830 864 557 6,429 5,219 23.2 Oregon 204					11,085	10,611	4.5
Texas 6,691 6,514 6,668 79,615 79,523 1 fo untain 8,899 8,614 8,179 88,949 91,358 -2,6 Arīzona 1,492 1,584 1,033 14,544 14,514 2 Colorado 1,233 1,258 1,267 14,003 14,443 -3.0 Montana 927 1,021 885 9,248 8,401 10.1 New Adad 757 559 771 7,145 6,502 9.9 New Mexico 1,290 1,281 1,093 11,527 13,790 -16.4 Utah 1,028 1,160 1,090 11,572 12,348 -6.3 Wyoming 2,172 1,752 2,040 20,911 21,361 -2.1 acific 830 864 557 6,429 5,219 23.2 Oregon 204 236 172 1,599 634 152.1 Washington 599 <t< td=""><td></td><td></td><td></td><td></td><td>11,182</td><td>10,616</td><td>5,3</td></t<>					11,182	10,616	5,3
Second S			1,121	1,280	14,226	13,407	6.1
Separation Sep			6,514	6,668	79,615	79,523	.1
Colorado 1,233 1,258 1,267 14,003 14,443 -3.0 Montana 927 1,021 885 9,248 8,401 10.1 Nevada 757 559 771 7,145 6,502 9.9 New Mexico 1,290 1,281 1,093 11,527 13,790 -16.4 Utah 1,028 1,160 1,090 11,572 12,348 -6.3 Wyoming 2,172 1,752 2,040 20,911 21,361 -2.1 actific 830 864 557 6,429 5,219 23.2 Oregon 204 236 172 1,599 634 152.1 Washington 599 595 373 4,560 4,322 5.5 Alaska 26 32 13 270 262 2.8			8,614	8,179	88,949	91,358	
Montana 927 1,021 885 9,248 8,401 10.1 New Adda 757 559 771 7,145 6,502 9.9 New Mexico 1,290 1,281 1,093 11,527 13,790 -16.4 Utah 1,028 1,160 1,090 11,572 12,348 -6.3 Wyoming 2,172 1,752 2,040 20,911 21,361 -2.1 aciffic 830 864 557 6,429 5,219 23.2 Oregon 204 236 172 1,599 634 152.1 Washington 599 595 373 4,560 4,322 5.5 Alaska 26 32 13 270 262 2.8			1,584	1,033	14,544	14,514	.2
Montana 927 1,021 885 9,248 8,401 10.1 Nevada 757 559 771 7,145 6,502 9.9 New Mexico 1,290 1,281 1,093 11,527 13,790 -16.4 Utah 1,028 1,160 1,090 11,572 12,348 -6.3 Wyoming 2,172 1,752 2,040 20,911 21,361 -2.1 actific 830 864 557 6,429 5,219 23.2 Oregon 204 236 172 1,599 634 152.1 Washington 599 595 373 4,560 4,322 5.5 Alaska 26 32 13 270 262 2.8	Colorado,		1,258	1,267	14,003	14,443	-3.0
Nevada 757 559 771 7,145 6,502 9.9 New Mexico 1,290 1,281 1,093 11,527 13,790 -16.4 Ulah 1,028 1,160 1,090 11,572 12,348 -6.3 Wyoming 2,172 1,752 2,040 20,911 21,361 -2.1 actific 830 864 557 6,429 5,219 23.2 Oregon 204 236 172 1,599 634 152.1 Washington 599 595 373 4,560 4,322 5.5 Alaska 26 32 13 270 262 2.8	Montana		1,021	885	9,248		
New Mexico 1,290 1,281 1,093 11,527 13,790 -16.4 Utah 1,028 1,160 1,090 11,572 12,348 -6.3 Wyoming 2,172 1,752 2,040 20,911 21,361 -2.1 actific 830 864 557 6,429 5,219 23.2 Oregon 204 236 172 1,599 634 152.1 Washington 599 595 373 4,560 4,322 5.5 Alaska 26 32 13 270 262 2,8	Nevada		559	771	7,145	•	
Ulah 1,028 1,160 1,090 11,572 12,348 -6.3 Wyoming 2,172 1,752 2,040 20,911 21,361 -2.1 acific 830 864 557 6,429 5,219 23.2 Oregon 204 236 172 1,599 634 152.1 Washington 599 595 373 4,560 4,322 5.5 Alaska 26 32 13 270 262 2.8	New Mexico		1,281	1,093	11,527	• • -	
Wyoming 2,172 1,752 2,040 20,911 21,361 -2.1 actific 830 864 557 6,429 5,219 23.2 Oregon 204 236 172 1,599 634 152.1 Washington 599 595 373 4,560 4,322 5.5 Alaska 26 32 13 270 262 2.8	uian		1,160	1,090			
actric 830 864 557 6,429 5,219 23.2 Oregon 204 236 172 1,599 634 152.1 Washington 599 595 373 4,560 4,322 5.5 Alaska 26 32 13 270 262 2.8			1,752	2,040			
Oregon 204 236 172 1,599 634 152.1 Washington 599 595 373 4,560 4,322 5.5 Alaska 26 32 13 270 262 2.8			864	557	•	•	
Washington		204	236	172			
Alaska		599	595	373			
S Total	Alaska	26	32		•	•	
	S Total	00.000	04.040				2,13

^{*} For quantity data, the value of the number is less than 0.5 thousand short tons. For percentage calculations, the absolute value of the number is less than 0.05 percent.

Note: Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EtA-759, "Monthly Power Plant Report."

Table 9. Coal Stocks at Electric Utility Plants, November 1991 (Thousand Short Tons)

Census Division and State	November 30, 1991	October 31, 1991	November 30, 1990	Percent Change November 30; 1991 versus 1990
lew England	1,169	1,107	1,148	1.8
Connecticut	151	154	156	- 3.1
Massachusetts	613	589	626	- 2.1
	405	364	338	19.8
New Hampshire	400	-	28	-
Rhode Island	17,119	17,340	17,392	-1.6
Middle Atlantic		910	748	8.7
New Jersey	813	1.844	1,907	-8.8
New York	1,739		14,737	- 1.2
Pennsylvania	14,567	14,585	42,155	-6.4
East North Central	39,467	38,993		-9.2
Illinois	6,968	7,130	7,676	-12.3
Indiana	9,644	9,138	10,994	-12.1
Michigan	8,416	8,209	9,573	• • • • • • • • • • • • • • • • • • • •
Ohio	10,344	10,396	9,968	3.8
Wisconsin	4,094	4,120	3,945	3.8
Vest North Central	19,838	20,549	20,472	-3.1
lowa	4,622	4,761	4,667	~ 1.0
Kansas	3,504	3,781	3,693	+5.1
Minnesota	2,538	2,581	2,437	4.2
Missouri	5,093	5,071	4,813	5.8
Nebraska	1.780	1.850	1,682	5,8
	2.005	2,222	2.885	-30,5
North Dakota	296	284	295	.4
South Dakota		28,611	27,685	2.9
South Atlantic	28,489	375	409	10.0
Delaware	450		4.911	1.1
Florida	4,965	4,784	5.491	-5.5
Georgia	5,190	5,862		14.0
Maryland	2,314	2,193	2,030	5.4
North Carolina	4,556	4,497	4,322	
South Carolina	1,839	1,905	2,005	- 8.3
Virginia	1,560	1,451	1,515	2.9
West Virginia	7,614	7,545	7,002	8.7
East South Central	14,016	13,836	15,944	-12.1
Alabama	4,163	4,038	3,981	4.6
Kentucky	5,940	5,915	7,632	- 22.2
Mississippi	869	804	743	16.8
Tennessee	3,044	3,080	3,588	- 15.2
West South Central	17,990	17,462	16,178	11.2
Arkansas	1,821	1,842	1,469	23.9
	2,433	2,114	2,578	-5.6
Louisiana	2,783	2,875	2,864	-2.8
Oklahoma		10,632	9,267	18.2
Texas	10,953		17,788	3.4
Mountain	18,401	18,529	3,194	32.4
Arizona	4,229	4,235		4
Colorado	3,603	3,577	3,617	-6,3
Montana	887	858	947	12.0
Nevada	1,455	1,435	1,298	
New Mexico	1,326	1,413	1,480	-10.4
Utah	4,218	4,247	3,927	7.4
Wyoming	2,683	2,765	3,325	-19.3
Pacific	2,118	2,386	2,149	-1.4
Oregon	778	857	862	17.4
Washington	1,332	1,522	1,470	-9.4
Alaska	7	8	16	-52.5
J.S. Total	158,605	158,813	160,911	-1.4

Note: Total may not equal sum of components because of Independent rounding. Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

Table 10. Coal Receipts at Electric Utility Plants, October 1991 (Thousand Short Tons)

Census Division and State New England	October 1991 582 80	September 1991 541	October 1990	1991		Percent
Connecticut	80	541		, , , ,	1990	Change
Massachusetts New Hampshire	* .	V-7 1	512	5,275	5,272	0.
New Hampshire	200	26	64	697	814	-14,4
	392	350	339	3,505	3,449	1.0
liddle Atlantic	111	166	109	1,074	1,009	6.8
	4,667	4,638	4,982	44,374	49,621	-10.
New Jersey	104	173	198	1,720	2,425	-29.
New York	088	893	948	7,771	8,783	-11.
Pennsylvania	3,682	3,573	3,839	34,883	38,413	-9.:
ast North Central	15,477	14,194	15,812	142,188	146,129	-2.
Minofs	2,232	2,025	2,411	22,846	22,108	3.3
Indiana	4,554	3,829	4,238	37,809	41,547	-9.6
Michigan	3,035	2,650	3,298	24,534	24,678	0
Ohio	3,885	4,002	4,290	40,896	42,893	-4.
Wisconsin	1,769	1,688	1,575	16,104	14,903	8.
est North Central	8,570	8,705	8,796	87,282	85,893	1.0
lowa	1,371	1,466	1,555	13,676	13,181	3.7
Kansas	1,051	1,551	1,413	11,891	13,139	-9.8
Minnesota	1,404	1,238	1,521	13,460	13,759	-2.
Missouri	2.078	2.056	2.099	21,116	20,156	4.8
Nebraska	755	751	504	7,417	6,815	8.8
North Dakota	1,716	1,630	1,591	17,814	17,196	3.6
South Dakota	196	12	114	1,908	1,647	15.8
outh Atlantic	11,282	10,781	12,022	103,907	113,181	-8.
Delaware	189	158	203	1,624	1,797	-9.6
Florida	2,146	1,985	1,994	20,558	20,400	-0.0
Georgia	1,991	2,191	2,450	21,333	•	 9.0-
Maryland	843	888	784	7,442	23,436 8,430	-11.7
North Carolina	1,780	1.511	2,014	14,764	•	-11.0
South Carolina	783	778	842	7.549	16,580	-4.0
Virginia	868	804	856	7,012	7,867	4.1
West Virginia	2,681	2,466	2,877	23,625	6,738	
ast South Central	6,490	6,322	7,269		27,933	- 15.4
Alabama	2,309	2,147	2,093	64,217	69,737	-7.9
Kentucky	2,525	2,460	2,888	20,366	18,641	9.3
Mississippl	303	311	•	25,221	29,966	-15.8
Tennessee	1,352	1,403	361	3,095	3,330	-7.1
est South Central	9,810	10,860	1,926	15,534	17,801	-12.7
Arkansas	980	906	10,131	104,230	100,573	3.6
Louisiana	1,161		933	10,368	8,801	17.8
Oklahoma	1,198	1,119	1,111	9,950	9,433	5.5
Texas		1,392	1,083	13,139	11,994	9,5
ountain	6,471	7,444	7,005	70,773	70,346	.6
Vizona	8,534	8,487	9,052	81,590	83,512	-2.3
Colorado	1,656 1,288	1,500	1,512	13,955	13,048	7.0
iontana		1,242	1,262	12,894	12,845	.4
	1,052	915	962	8,415	7,610	10.6
levada	411	606	560	6,563	6,181	6.2
lew Mexico	1,381	1,101	1,350	10,336	12,864	- 19.7
llah	973	1,246	1,356	11,125	12,080	-7.9
Woming	1,773	1,877	2,052	18,303	18,884	-3.1
cific	630	543	594	5,546	4,931	12.5
Oregon	13B	113	224	1,492	627	138.1
Washington	492	430	370	4,054	4,304	-5.8
S. Total	66,043	65,071	69,170	638,610	658,848	-3.1

Note: Total may not equal sum of components because of independent rounding.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 11. Quality and Price of Coal Receipts at Electric Utility Plants, October 1991

		tober 991		tober 990			Year	o Date		
Census Division	Lbs.		Lbs.		1:	991	11	990	Percen	Change
and State	sulfur per MM Btu	Cents per MM Btu	sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu
New England	0.86	177	1.04	180	0.88	179	0,97	180	-9.1	-0.4
Connecticut	.41	210	.41	221	.41	214	.41	212	1.3	1.0
Massachusetts New Hampshire	.92 .97	172 172	.97 1,62	174 175	.93 1.04	173 175	.96 1.46	173 178	-3.2 -29.0	.3 - 1.2
					1.64	155	1.65	155	9	,2
Mid Atlantic	1.68 1.56	158 169	1.66 .96	156 184	.95	178	.85	180	11.3	7
New York	1.39	154	1.38	163	1.37	160	1.43	161	-4.4	9
Pennsylvania	1.76	158	1.77	153	1.74	153	1.76	152	-1.3	.8
East North Central	1.61	145	1.66	150	1,65	150	1.65	151	,3	9
Illinois	2.01	162	1.89	176	1,84	172	1.91	176	-3.7	-2.1
Indiana	1,80	132	2.07	134	1.89	137	1.94	137	-2.4	5
Michigan	.61	150	.64	155	.63	161	.63	161	-1.3	2
Ohlo Wisconsin	2.22 ,85	149 136	2.15 .85	151 138	2.19 .85	149 138	2.05 .85	151 137	6.7 7	- 1.8 3
									0.4	
West North Central	1.05	108	1.07	113	1.07	114	1.11	114 114	-3.4 -2.3	5 -1.0
lowa	.81	116 119	,94 .69	118 123	.80 .63	113 123	.82 .69	125	-8.5	-1.7
Kansas Minnesota	.51 .55	112	.60	111	,53	128	.57	128	-6.2	.5
Missouri	1.81	129	1.77	134	1.80	135	1.94	135	-7.1	1
Nebraska	.41	70	.39	71	.41	76	.42	76	-1.3	5
North Dakota	1.16	69	1.17	69	1.28	71	1.22	69	4.5	3.3
South Dakota	1.40	112	.72	114	1,45	114	1.50	115	-3.1	-1.3
South Atlantic	1.24	169	1,20	170	1.21	170	1.23	169	-1.2	.8
Delaware	.68	177	.78	179	.75	178	,73	182	2.2	-2.5
Florida	1.45	182	1.41	185	1.40	186	1.41	185	-1.0	.8 .3
Georgla	1.42	185	1.33	180	1.34	179	1,38	178 165	-2.6 -8.9	.s 9
Maryland	1.07	163	1.12	167 177	1.03 .75	163 179	1,13 .76	178	8	6
North Carolina	.76 .94	174 153	.76 .96	174	.95	165	.94	172	1.0	-4.1
Virginia	.78	150	.78	154	,79	153	.75	155	4.2	-1.2
West Virginia	1.61	154	1.52	150	1.54	152	1.52	147	1.4	3.2
East South Central	1.60	143	1.72	143	1.70	143	1.78	144	-4.7	8
Alabama	1.11	178	1.23	179	1.17	182	1.25	185	-6. i	-1.9
Kentucky	2.15	116	2.19	118	2.22	118	2.25	119	-1.7	-1.2
MIssissippi Tennessee	1.22 1.52	162 126	1.25 1.69	167 135	1,27 1,68	16B 125	1.32 1.67	165 136	-4.0 .6	2.1 -8.2
West South Central	.81	157	.86	153	,83	151	.84	149	-1.4	1.3 -1.1
Arkansas	.36	157	.40	164	.37 .59	161 166	.39 .60	163 170	-5,9 -2,4	-2.0
Louisiana Oklahoma	.63	156	.61	172 138	.49	132	.54	139	-7.6	-5.0
Texas	.54 1.00	134 162	.58 1.03	151	1.03	151	1.01	146	1.7	3.4
Mountain	.56	113	.57	115	,55	114	.56	113	-2.3	.6
Arizona	.48	142	.47	139	.50	142	.47	144	6.8	-1.6
Colorado	.37	111	.37	106	.38	109	.39	107	-3.2	1.6
Montana	.82	64	.78	70	.77	67	.74	65	3.7	3.8
Nevada ,	.45	184	.50	146	.45	142	.47	151	-5.8	-5.9
New Mexico	.85	128	.86	139	.88	138	.87	131	1.0	5,5
Wyoming	.40 .56	110 83	.43 .64	126 85	.40 .59	119 84	.44 .61	115 - 84	-8.0 -3,2	4.0
•		445	70	400	70	142	.81	152	-13.7	-6.6
Pacific	.74 .39	145	.70 .39	138 107	.70 .37	109	.81	109	-13.7	-0.0 7
Oregon Washington	.85	156	.39	153	.83	155	.88	158	-5.4	-2.2

For percentage calculations, the absolute value of the number is less than 0.05 percent. Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu. Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 12. Quality and Price of Contract Coal Receipts at Electric Utility Plants, October 1991

	1	tober 991		tober 990			Year	to Date		
Census Division	Lbs.		Lbs.		1!	991	1:	990	Percen	Change
and State	sulfur per MM Btu	Cents per MM Btu	sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM 8tu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu
New England	0.92	179	1,03	180	0.89	180	0.98	180	-8.6	0.5
Connecticut	.42	226	.41	221	.41	220	.41	214	1.9	2.4
Massachusetts	1.00	173	.94	173	.95	173	.98	169	-3.3	2.3
New Hampshire	.97	172	1.62	175	1.06	175	1.50	177	-29.4	8
Mid Atlantic	1.76	165	1,71	159	1.70	161	1.72	158	-1.2	1.8
New Jersey	1,51	171	1.02	184	.95	179	.86	179	10.6	.1
New York	1.41	161	1.38	161	1.41	163	1.44	162	-1.7	.9
Pennsylvania	1.82	165	1.82	157	1.80	160	1.85	156	-2,8	2.5
Foot Month Control	4.07	450	4 70	450	4 94				_	
East North Central	1.67 2.06	152 167	1.70 1.94	159 185	1.71 1.94	158 180	1.70	159 184	.7 -1.6	9 -2.0
Indiana	1.88	137	2.10	139	1.97	140	1.98 1.97	141	-1.6	-2.0 7
Michigan	.58	154	.60	161	.62	160	.61	165	1,0	.4
Ohio	2.31	161	2.28	168	2.28	160	2.18	166	4.4	-3.4
Wisconsin	.92	139	.96	142	.90	143	,93	142	-3.3	.4
West North Central	1.11	109	1.11	116	1.09	115	1.11	116	-1.3	4
lowa	1.06	137	1.16	138	,91	123	.89	124	2.2	9
Kansas	.45	121	.46	133	.45	126	.45	127	-,8	4
Minnesota	.56	111	.58	111	.53	128	.56	129	-4.2	3
Missouri	2.16	135	1.91	137	1.94	137	2.05	138	-5.6	6
Nebraska North Dakola	.41 1.16	70 69	,41 1,17	74 69	.41	78	.41	79	6	2
South Dakota	1.40	112	.76	114	1.28 1.45	71 114	1.22 1.51	69 1 15	4.6 -3.8	4.0 - 1.3
South Atlantic	1.24	178	1.22	177	1.24	178	1.24	177	4	.5
Delaware	.64	178	.72	187	,68	180	.73	184	-5.7	-1.9
Florida	1.39	195	1.36	193	1.34	197	1.35	193	3	2.0
Georgia	1.47	190	1.45	189	1,50	189	1.46	188	3.0	.7
Maryland	1.04	165	1.17	167	1.08	166	1,14	166	-7.0	.4
North Carolina	.76 .91	184 164	.75 .97	184 180	.75 .96	184	.76	183	-1.3	.1
Virginia	.79	156	.80	156	.81	174 160	.94 .78	177 157	1.7 4.1	-2.1 1.7
West Virginia	1.53	163	1.53	159	1,53	158	1.58	158	-2.8	.1
East South Central	1.65	147	1.81	149	1.74	146	1.87	151	-6.7	-3.1
Alabama	1.11	189	1.16	195	1.17	193	1.12	203	4.6	-4.6
Kentucky	2.29	119	2.49	118	2.34	120	2.60	120	-9.7	6
Mississippl	1.19	165	1.11	171	1,23	170	1.11	170	10.6	*
Tennessee	1.52	128	1,72	138	1.69	125	1.72	139	- 1.8	-10.4
West South Central	.84	159	.87	154	.84	152	.85	150	-1.0	1.4
Arkansas	.36	157	.40	164	.37	161	,39	163	-5.9	-1.1
Louisiana	.63	156	.61	172	.59	166	.60	170	-2.4	-2.0
Texas	.58 1.03	142 164	.55 1.06	137 152	.50 1.04	135 151	.51 1.03	141 146	-2.1 1.5	-4.6 3.4
Mountain	.57	115	.58	117	.55	118				
Arizona	.48	142	.47	139	,50 ,50	116 142	.57 .46	116 144	-2.1 6.9	.6 -1.9
Colorado	.37	114	.38	107	.38	112	.39	108	-3.3	3,6
Montana	.82	64	.78	70	.77	67	.74	65	3.7	3.8
Nevada	.45	184	.50	146	.45	142	.47	151	-5.7	-5,9
New Mexico	.85	128	.86	139	.88	138	.87	131	1.0	5.5
Utah	.40 .58	109 86	.42 .66	129 87	.40 .60	121 87	.43 .63	116 87	-7.1 -4.6	4.2 .5
Pacific	.85	156	.70	136	.74	148	.85	154	-12.5	
Oregon	-		.39	107	.37	109	.37	109	-12.5 .3	-5.1 2
Washington	.85	156	.90	153	,83	155	,92	161	-10.5	-4.0
U.S. Total	1.27	149	1.29	151	1.27	149	1.29	150	~1.5	2

^{*} For percentage calculations, the absolute value of the number is less than 0.05 percent.

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 13. Quality and Price of Spot Coal Receipts at Electric Utility Plants, October 1991

		tober 991		tober 990			Year	to Date		
Census Division and State	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs, sulfur per MM Btu	Cents per MM Btu	Percen Lbs. sulfur per MM Btu	Cents per MM Bu
New England	0.70	172	1.12	179	0.83	173	0,95	181	-12,5	-4.2
Connecticut	.40	175	-	-	.41	173	42	192	-3.9	-10.0
Massachusetts	.76	171	1.12	179	.86	173	.92	180	-6.5	-4.1
New Hampshire	-	14	-	-	.93	176	1.32	181	-29.8	- 2 .7
Mid Atlantic	1.38	130	1.43	147	1.36	131	1.42	145	-4.2	-9.5
New Jersey	1.87	160	.54	184	.93	174	.81	189	16.1	-7.6
New York	1,36	145	1.37	167	1.29	153	1.43	160	-9.7	-4.5
Pennsylvania	1.38	119	1.50	133	1.41	119	1.44	138	-2.2	-13.9
East North Central	1.43	120	1.52	124	1.44	120	1.50	126	-3.7	-4,8
illinois	1,63	125	1.58	124	1.28	127	1.58	130	-18.6	-3.0
Indiana	1,55	115	1.92	118	1.54	121	1.79	119	-14.3	1.6
Michigan	.76	131	.77	139	,69	131	.73	147	-4.7	-10.9
Ohio	1,95	112	1,89	119	1.93	114	1,80	122	7.6	- 10.5 - 6.9
Wisconsin	.72	132	.42	125	.73	121	,62	118	19.0	2.1
Mont North Control	77	400		400	07	400	4.40	407	44.4	4 6
West North Central	.77	102	,93	103	.97	105	1.13	107	-14.1	-1.6
lowa	.48	88	.61	88	.51	87	.67	93	-23.4	~6.3
Kansas	1,03	109	1.11	104	1.32	109	1.75	116	-24.8	-5.6
Minnesota	.40	135	.82	114	.72	134	.82	115	-12.2	16,1
Missouri	1.00	113	1.32	127	1.31	128	1.51	125	-13.2	2.1
Nebraska	.39	71	.37	68	.42	65	.43	68	-3.3	-3.8
North Dakota	-	-	.41	114	1.14	41	.41	114	-	
South Atlantic	1.26	133	1.12	145	1.11	139	1.18	145	-6.0	-3.8
Delaware	1.06	162	.94	159	1.06	167	.76	179	39.1	-6.
Florida	1.68	136	1.62	149	1.62	143	1.69	150	-3.9	-4.8
Georgia	1.03	141	1.01	156	.85	147	1.20	156	-28.7	-5.8
Maryland	1.36	139	1.02	166	,89	148	1.11	162	-19.8	-8.6
North Carolina	.79	138	.78	143	.81	137	.77	151	4.8	-9.
South Carolina	.98	142	.93	157	.93	145	.93	157	-,3	-7.5
Virginia West Virginia	.77 2.11	141 101	.74 1.46	150 114	.75 1.60	142 109	.71 1.34	150 114	5.6 19.6	- 5. - 4.
West Virginia	۲.۱۱	101	1.40	117	1,00	100	1.54	114	10,0	- 4.,
ast South Central	1.31	121	1.42	123	1.44	121	1.52	122	-5.6	_,
Alabama	1.11	133	1.44	127	1.18	133	1.69	127	-30.4	5.0
Kentucky	1.50	108	1.23	118	1.66	109	1.42	116	16.9	- 5.
Mississippi	1.33	149	2.18	144 124	1.79	141 122	1.99	147 122	-10.1 -4.4	-4.i
Tennessee	1.31	113	1,57	124	1.41	122	1.47	122	-4.4	,
Vest South Central	.41	113	.55	137	.41	121	.55	126	-26.4	-4.
Oklahoma	,44	100	1.04	148	.42	109	.68	122 129	-38.7	-11. 1.4
Texas	.39	124	.42	134	.40	131	.46	128	-13.5	1.4
fountain	.38	90	.42	92	.43	89	.45	88	-5.0	
Arizona	•	-			.50	161	.64	145	-21.7	11.0
Colorado	,35	101	.34	104	.37	93	.38	100	-2.1	- 6.8
Nevada	-		-				.62	149		
Utah	.39	111	.47	105	.41	107	.47	105	-13.4	1.5
Wyoming	.41	46	.50	67	,52	58	.50	66	3.2	-12.
Pacific	.39	109	-	-	.36	108	.36	128	.5	-15.
Oregon ,	.39	109	-	-	.36	108	-	-	-	
Washington	•	-	-	~	-	-	.36	128	-	•
J.S. Total	1.19	121	1.24	127	1,19	123	1.28	129	-7.7	- 5.

Notes: Total may not equal sum of components because of independent rounding. MM Blu represents million Blu.
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants,"

Table 14. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, October 1991

	0-0,60 sulf per MM	ur	0.61-1.1 sulf per MM	ur	> 1.6 sulf per MN	ur		Total			nt Chang rior year	
State	Quantity (thousand short tons).	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Lbs. sulfur per MM Btu	Quantity	Price	Sulfur Content
Alabama	524	233	816	181	390	163	1,730	193	1.07	14.3	-2.2	-6.9
Arizo na	939	115	-	-	_	-	939	115	.47	- 13.8	11.4	2.5
Colorado	1.144	131	_	-	_	-	1,144	131	.35	-11.3	-14.0	-4.3
Illinois	••••		973	155	3.934	157	4,908	156	2.36	1.7	-1.4	~2.9
Indiana	41	138	239	119	2,131	123	2,411	123	2.26	-9.7	-3.9	-3.8
lowa	-		-	_	7	165	. 7	165	5.60	40.0	-1.7	81.2
Kansas	-	_	-	-	36	127	36	127	2.87	-21.4	-1.7	4.4
Kentucky	1,468	165	5,453	162	3,077	124	9,998	151	1.39	- 10.4	~2.2	-4.1
Louislana	.,		363	137	-	-	363	137	.86	12.7	7.9	8.2
Maryland	_	-	369	137	_	_	369	137	1.29	16.2	-8.8	.9
Missouri	_		_	-	203	152	203	152	4.07	1.2	-4.6	4.6
Montana	1,718	166	1,946	94		-	3,664	130	.57	- 1.3	-3.5	- 1.5
New Mexico	809	185	1,454	129	_	-	2,262	150	.71	9.4	-5.0	-3.9
North Dakota	_		1,840	73	72	75	1,912	73	1.19	12.9	2.4	3.1
Ohio	1	170	53	137	2,124	148	2,177	148	2.96	-18.3	1.4	2.0
Oklahoma	6	190	19	143	23	109	48	132	1.92	-40.9	- 1.5	8.6
Pennsylvania	211	152	3,048	155	1,280	156	4,539	155	1.48	1.6	*	-2.2
Tennessee	15	135	197	129	46	114	258	127	1.03	-18.7	-5.5	-9.8
Texas			3,030	130	718	136	3,748	131	1.59	-11.6	9,9	1.2
Utah	1,128	121	-	_	-	-	1,128	121	.40	-14.4	1.9	-9.3
Virginia	280	176	1,167	165	_	_	1,447	167	.88	-10.6	9	-1.1
Washington		,,,-	492	156	-	_	492	156	.85	33.0	2.1	-6.2
West Virginia	1,919	172	2,979	165	2.396	147	7,294	160	1.36	-7.0	.1	7.6
Wyoming	13,834	130	1,000	104	-	-	14,834	128	.43	-2.8	-2.7	-5.6
Imported	74	157	57	162	-	-	132	159	.53	54.3	-5.1	-13.0
U.S. Total	24,110	144	25,496	146	16,437	142	66,043	144	1.25	-4.5	-1.2	-2.0

For percentage calculations, the absolute value of the number Is less than 0.05 percent.
 Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.
 Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 15. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, January-October 1991

	0-0.60 sulf per MM	ur	0.61-1.6 sulf per MN	ur	> 1.67 sulf per MM	ur		Total			nt Chang rior year	
State	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Biu	Quantity (thousand short tons)	Cents per MM Btu	Lbs. sulfur per MM Btu	Quantity	Price	Sulfur Content
Alabama	4,220	254	7,393	185	2,908	169	14,522	203	1.06	4.8	-0.9	-4.1
Arizona	10,587	107	-			-	10,587	107	.46	13.8	7	1.1
Colorado	12,717	138	26	93	-	-	12,743	138	.37	5	-4.1	-3.3
Illinois		-	9,437	158	36,482	159	45,919	159	2.38	1.1	.1	-1.5
Indiana	566	149	2,476	131	19,583	129	22,624	129	2.27	-13.7	1.1	-1.1
lowa	500	-	2,170		72	173	72	173	4.09	34,1	6.1	21.5
	_	-	_	_	334	133	334	133	2.84	-41.2	8.1	10.3
Kansas	13,110	169	49,844	165	31,598	125	94,552	153	1.46	-13.0	-1.2	-2.1
Kentucky	13,110	-	2,592	134		-	2,592	134	.91	-4.7	1.2	15.1
Louisiana	_		2,838	141	25	121	2,863	141	1.25	16.0	-8.3	-2.4
Maryland	-	-	2,000		1,668	181	1,668	181	3.99	-17.7	21.8	.9
Missouri	13,674	182	17,113	106	1,000	-	30,787	142	.58	5.8	2.3	-1.3
Montana		182	12,628	146		_	17,271	156	.74	-11.0	3.7	.2
New Mexico	4,643		16,872	78	2,851	56	19,723	75	1.29	4.7	3.2	3.8
North Dakota	-	161	505	138	23,596	146	24,110	146	2.95	-4.6	-2.2	3.5
Ohio	10		238	144	120	110	408	139	1.61	-50.2	.4	8.1
Oklahoma	51	181		155	10,269	148	39,639	154	1.46	-7.9	6	5
Pennsylvania	1,616	155	27,754	131	526	118	2,717	128	1.12	-32.6	-11.9	-2.2
Tennessee	87	130	2,104	120	14,466	112	40,759	117	1.64	9	8.9	5.0
Техая		400	26,293		14,400	-	12,244	123	.40	-6.7	5.1	-8.0
Utah	12,125	122	118	153	49	139	13,649	168	.89	-6.7	5	1.5
Virginia	2,817	185	10,783	163	49		4.054	155	.83	2.5	-4.0	-10.4
Washington	-		4,054	155	00.000	- 140	70,150	160	1.30	-5.1	1.4	-1.0
West Virginia	20,190	171	29,261	162	20,699	146	152,926	132	.43	4.5	- 1.4	-2.8
Wyoming	142,717	134	10,091	102	118	119		156	.59	58.4	-10.7	-3.0
Imported	630	153	1,067	157	-	-	1,698	100	.08	30.4	-10.7	- 5,0
U.S. Total	239,760	146	233,486	148	165,364	141	638,610	145	1.26	-3,1	3	-2.4

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu. Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 16. Destination of Coal Received at Electric Utility Plants by Origin, January-October 1991

State of Destination State of Origin and Imports		eipts short tons)	1	Receipts cent)	(lbs.	Content sulfur M Btu)		ice r MM Btu)
und maports	1991	1990	1991	1990	1991	1990	1991	1990
Alabama	20,366	18,641	81.0	76.6	1,17	1.25	182	185
Alabama	14,482	13,647	84.1	93.1	1,06	1.10	203	205
Illinois	894	416	91.5	-	1.65	2.03	127	112
Indiana	0.000	459				2.05	-	117
Kentucky	2,632	2,696	75.9	38.2	1.87	1.87	127	135
Ohio	158 898	493 708	100.0	95.0	1.72	2.00	118	117
West Virginia	1,301	708 4	57.9 63.3	11.3	.85	.65	130	124
Wyoming	1,001	216	03.3	-	.90	.51 .44	140	151
Arizona	13,955	13,048	98.5	99.8	.50	.47	142	170 144
Arizona	6,436	5,948	100.0	100.0	.46	.44	102	100
Colorado	673	841	100.0	100.0	.31	.33	169	174
New Mexico	6,845	6,259	96.9	99.7	.56	.52	181	187
Arkansas	10,368	8,801	100.0	100.0	.37	.39	161	163
Wyoming	10,368	8,801	100.0	100.0	.37	.39	161	163
Colorado	12,894	12,845	82.7	84.9	.38	.39	109	107
Colorado	8,390	8,327	73.5	76.8	.38	.39	108	108
Wyoming	4,504	4,517	100.0	100.0	.37	.39	110	105
Connecticut	697	814	88.7	90.5	•41	-41	214	212
Delaware	697 1,624	814	88.7	90.5	.41	.41	214	212
Kentucky	52	1,797 117	82.1	75.8	.75	.73	178	182
Maryland	15	21	100.0	14.2 100.0	.85	.52	174	194
Pennsylvania	345	286	33.1	36.8	1.21 1.11	1.11 1.04	141	141
Virginia	76	227	80.8	51.7	.88	.71	168 202	163
West Virginia	1,135	1,146	97.4	96,1	,63	.68	180	195 184
Florida	20,558	20,400	80.0	80.6	1.40	1.41	186	185
Illinois	3,850	3,531	93.7	98.5	2.39	2.42	211	208
Indiana	153	373	-	-	2.65	2.86	111	108
Kentucky	12,356	12,984	79.2	76.9	1.27	1.30	180	179
Ohio	240	-	-	_	2.98	_	164	-
Pennsylvania	3	-	-	-	1.12	-	128	-
Tennessee	131	101	100.0	100.0	.92	.85	218	214
Virginia West Virginia	751	817	94.5	89.0	.62	.58	227	236
Imported coal Colombia	1,603 1,428	1,773	93.7	87.7	.92	.89	196	184
Imported coal Venezuela	42	782 40	49.3	78.3	.62	.62	154	172
Georgia	21,333	23,436	74.9	60.4	.43	.63	127	171
Alabama	39	215	74.5	69.1	1.34 1.94	1.38	179	178
Illinois	4,177	4,131	100.0	94.7	2.51	1.66 2.52	140	155
Indiana	52	-	64,8	04.7	2.03	2.02	207 139	196
Kentucky	10,923	12,336	76.4	68.5	1.23	1.28	164	169
Ohio	-	46	-	-	-	2.28	104	142
Tennessee	39	1,179	-	44.9	1.54	1.10	152	183
Virginia	2,806	2,836	77.5	73.4	1,05	1,06	177	174
West Virginia	2,089	1,216	59.9	99,3	.54	.58	218	247
Wyoming	1,207	1,476	-	-	.41	.37	153	157
Ilinois	22,846	22,108	85.0	85,5	1.84	1.91	172	176
Colorado	315	11	-		.39	.40	145	156
Indiana	13,360 1,403	13,032	91.4	90.0	2.70	2.72	141	146
Kentucky	1,213	1,554 1,820	60.3	73.8	1.31	1.61	134	125
Montana	2,731	2,333	72.0 100.0	44.1	.57	.81	166	156
New Mexico	2,701	2,333	100,0	100.0	.37	.39	277	290
Tennessee	10	95	100.0	47.4 100.0	-	.46	-	166
West Virginia	626	193	33,9	21.5	.59 .55	.56 .52	149	169
Wyoming	3,187	2,859	79.7	92.7	,40	.43	151	157
ndiana	37,809	41,547	82.1	82.8	1.89	1.94	262 137	286
Colorado	689	457	-	100.0	.39	,39	170	137 301
Illinois	7,151	8,174	88.2	86.3	2.41	2.42	161	159
Indiana	15,836	17,968	80,6	80.6	2.39	2.41	125	125
Kentucky	3,796	3,917	91.2	91.0	2.39	2.42	129	132
Montana	633	563	100.0	57.9	.36	.39	280	231
Ohio	32	47	-	-	2.28	2.25	137	125
Virginia	17	55	•	-	.40	,58	163	164
West Virginia	183	332		61.3	.55	.55	156	201
Wyoming	9,472	10,033	83.1	83.1	.40	.39	128	128
	13,676	13,181	72.3	68.9	.80			
llinois	1,298	1,122	94.5	91.3	2.35	.82	113	114

Table 16. Destination of Coal Received at Electric Utility Plants by Origin, January-October 1991 (Continued)

State of Destination State of Origin	Recei (thousand s	•	Contract (perc		Sulfur C (lbs. s per MM	ulfur	Pri (cents pe	
and Imports	1991	1990	1991	1990	1991	1990	1991	1990
wa							400	135
Indiana	806	901	90.2	66.9	2.27	2.25	133	163
lowa	72	54	100.0	100.0	4.09	3.36	173	
Kentucky	1	25	-	-	2.49	2.75	147	132
	11,497	11,079	68.4	66.8	.41	.43	101	103
Wyoming	11,891	13,139	81.2	84.5	.63	.69	123	129
nsas ,	11,001	178		94.2	-	.33	-	111
Colorado	4 4 4 4	1,172	18.5	16.7	2.26	2.51	151	140
Illinois	1,114	226	56.4	-	2.43	2.41	121	12
Kansas	87		88.0	92.8	.39	.41	119	12.
Wyoming	10,691	11,563		71.9	2.22	2,25	118	111
entucky	25,221	29,966	82.0		2.39	1.59	100	13
Illinois	15	91		88.6			107	11
Indiana	2,004	2,211	80.5	64.3	2.34	2.41		110
Kentucky	19,169	24,075	82.6	75.7	2.47	2.45	117	
•	268	233	74.7	55.8	2.20	2.40	147	14
Ohio	200	12		12.4	-	2.05	-	113
Pennsylvania	= 10	518	93.5	84.9	1.79	2,08	115	120
Tennessee	513		55.6	100.0		.58	-	15
Virginia	-	60	~ ~		.68	.62	130	12
West Virginia	2,747	2,553	75.1	40.5	-	.40	124	12:
Wyoming	506	213	100.0	65.2	1.42			17-
ouislana	9,950	9,433	100.0	100.0	.59	.60	166	13
	2,592	2,719	100.0	100.0	.91	.79	134	
Louisiana	128	178	100.0	100.0	.45	.51	161	20
West Virginia		6,535	100.0	100.0	.50	.54	176	18
Wyoming	7,231		82.5	70.0	1.03	1,13	163	16
laryland	7,442	8,430		77.7	.50	.56	156	16
Kentucky	269	367	87.0		1.16	1.24	173	17
Maryland	1,114	1,451	80.7	45.7		1.47	167	•
Ohio	7	-	-	_	1.57	4 40		17
Pennsylvania	1,875	2,121	97.6	91.7	1.46	1,48	177	
	.,	14	-	_	-	.49	-	18
Virginia	4,177	4,477	76.0	67.1	.83	.98	155	15
West Virginia		3,449	80.7	68.7	.93	.96	173	17
lassachusetts	3,505			-	.58	.75	175	18
Kentucky	1	49	100.0	_	.00	.75		18
Maryland	-	40	-		4.44	1.08	175	17
Pennsylvania	385	804	-	28.5	1.11		176	17
Virginia	974	1,154	75.2	92.1	.78	.95		16
	2.096	1,267	97.7	85.0	,98	.98	172	17
West Virginia	2,000	64	_	-	-	.61	•	
Imported coal Colombia	49	70	100.0	-	.59	.48	167	18
Imported coal Venezuela	• -		85.9	78.9	.63	.63	161	16
lichigan	24,534	24,678	78.2	59.3	2.18	2.47	160	15
Indiana	107	148			.76	.74	179	17
Kentucky	5,152	6,166	87.7	71.3		.37	154	15
Montana	9,750	9,315	99.0	97.1	.39		203	19
Ohlo	119	157	93.3	83.4	2.65	2.77		15
	1,489	1,652	81.9	70.6	1.29	1,10	152	
Pennsylvania	., 100	113	_	100.0	-	1.09		18
Virginia	5,488	5,149	81.2	75.5	.65	.67	169	17
West Virginia			42.8	32.7	.35	.34	112	1
Wyoming	2,428	1,979	97.5	93,6	.54	.57	128	1:
Minnesota	13,460	13,758		100.0	1.48	1.32	160	11
Illinois	40	43	100.0			1.80	154	1.
Indiana	75	68	-	12.7	1.51		,	18
Kentucky	-	В	-	56.6	-	.91	135	1
Monlana	7,508	7,665	96.8	89.9	.70	.76		
	1	1	100.0	100.0	1.17	.87	178	1
North Dakota	8	3	57.9	100.0	1,09	1.02	178	1
Pennsylvania	ğ	2		100.0	-	.95	-	1
West Virginia			00.0	99.3	.31	.31	119	1
Wyoming	5,828	5,968	99.6		1,27	1.32	168	1
dississippi	3,095	3,330	92.6	75.3		2.03	148	1
Illinois	1,150	957	98.0	90.1	2.14		1.10	ì
Indiana	-	23	-	-		4.17	100	i
Kentucky	1,922	2,350	90.5	70.1	.76	1,01	180	
	23	-	-	-	.31	-	175	
Montana		20,156	77.8	78.7	1.80	1.94	135	1
Missouri	21,116		100.0	100.0	.40	.40	159	i
Colorado	300	196		83.5	2.20	2.21	150	1
Illinois	10,459	10,158	83.3			2.90	133	1
Indiana	104	115	46.4	100.0	3.17		137	i
Kansas	248	342	22.9	8,8	3.00	2.69		i
Kentucky	694	972	92.8	97.7	2.56	2.56	126 181	i
					3.99	3.96		

Table 16. Destination of Coal Received at Electric Utility Plants by Origin, January-October 1991 (Continued)

State of Destination State of Origin and Imports		elpts short tons)	(t Receipts rcent)	(lbs.	Content sulfur M Btu)	Price (cents per MM Btu)		
Bita imports	1991	1990	1991	1990	1991	1990	1991	199	
Missouri					· · · · · · · · · · · · · · · · · · ·		****		
New Mexico	8	19	-	_	0.42	0.34	167	13	
Ohio	-	24	-	-	_	2.10		17	
Oklahoma	_	36		100.0	_	3.64	_		
Wyoming	7,635	6,269	057				-	138	
	•		65.7	64.9	.42	.43	96	97	
Montaла	8,415	7,610	100.0	100.0	.77	.74	67	65	
Montana	8,415	7,610	100.0	100.0	.77	.74	67	65	
Vebraska	7,417	6,815	78.5	75.8	.41	.42	76	76	
Wyoming	7,417	6,815	78.5	75.8	.41	.42	76	76	
Nevada	6,563	6,181	100.0	99.9	.45				
Arizona	4,150	3,356				.47	142	151	
	-		100.0	100.0	.45	.48	115	122	
Utah	2,115	2,316	100.0	99.6	.43	.47	185	180	
Wyoming	298	508	100.0	100,0	.46	.45	198	203	
New Hampshire	1,074	1,009	85.8	80.1	1.04	1.46	175	178	
Kentucky	· -	17	_	_		.68	110		
Pennsylvania	652	127	100.0	100.0	4.40		4	201	
			100.0	100.0	1.12	1.06	177	179	
West Virginia	243	749	37.2	80.0	1.27	1.68	173	175	
Imported coal Canada	-	34	-	-	-	.97	-	181	
imported coal Venezuela	179	81	100.0	100.0	.40	.39	174	189	
łew Jersey	1,720	2,425	91,6	88.3	.95	.85	178	180	
Kentucky	25	31	21,5	50.0					
	40		-	-	10.	.62	170	190	
Ohio		14	•	-	-	1.66	-	203	
Pennsylvania	15	26	-	•	1.87	,95	160	189	
Virginia	599	853	99.5	98.3	.58	.58	178	177	
West Virginia	1,081	1,501	90.6	86.8	1.17	1.02	179		
lew Mexico	10,338	12,864	100.0	100.0				181	
New Mexico	•				.88	.87	138	131	
Incw Medico	10,336	12,864	100.0	100.0	.88	.87	138	131	
lew York	7,771	8,783	64.9	67.0	1.37	1.43	160	161	
Kentucky	596	524	95.8	94.1	.41	.39	211	210	
Maryland	18	23	-		1.42	1.33	151	169	
Ohio		38							
Pennsylvania	4,194		467	47.7		1.55		160	
		4,546	45.7	47.7	1.40	1,45	152	156	
West Virginia	2,953	3,652	86.7	88,2	1.53	1.56	160	160	
Wyoming	Ð	-	-	-	.43	-	191		
orth Carolina	14,764	16,580	90.7	84.3	.75	,76	179	178	
Kentucky	6,878	8,175	90,4	80.8	.75	.78	185		
Virginia	3,481	3,749	98.0				•	183	
West Virginla				97.1	.86	.84	171	168	
and Palenta	4,404	4,656	85.5	80.2	.68	.65	177	177	
orth Dakota	17,814	17,196	98.4	100.0	1.28	1.22	71	69	
North Dakota	17,814	17,196	98.4	100.0	1.28	1.22	71	69	
hio	40,896	42,893	74.6	66.5	2.19	2.05	149		
Minois		24	-	00.0	•			151	
Indiana			-	-	-	2.57	-	117	
	0.050	59	-	•	-	2.91	-	109	
Kentucky	6,850	8,157	67.9	46.8	.97	.99	159	156	
Ohio	21,749	21,141	77.5	70.3	2.94	2.81	147	153	
Pennsylvania	2,287	2,744	61.8	59,5	1,63	1.72	138		
Virginia	18	.,	- 1.0	-		1.74		140	
West Virginia	9,958	10 727	70.4	70.4	.63		143		
		10,787	76.4	76.1	1.57	1.49	148	148	
Wyoming	34		-	-	.36	-	144	-	
klahoma	13,139	11,994	89.1	89.3	.49	.54	132	139	
Oklahoma	408	784	87.6	27.1	1.61	1.39	139	138	
Wyoming	12,731	11,210	89.2	93.6					
regon	1,492	627			.44	.45	132	139	
			60.2	100.0	.37	.37	109	109	
Wyoming	1,492	627	60.2	100.0	.37	.37	109	109	
ennsylvania	34,883	38,413	83.7	77.8	1.74	1.76	153	152	
Kentucky	15	•	100,0	-	1.08	-	177	101	
Ohio	806	1,688	99.9	97.0		2 20			
Pennsylvania	25,904				3.27	3.36	160	151	
West Virginia		28,770	79.3	71.5	1.49	1.50	153	153	
West Virginia	8,158	7,956	96.1	96.5	2.35	2.36	152	146	
uth Carolina	7,549	7,867	69.3	73.2	.95	.94	165	172	
Kentucky	6,708	6,790	66.3	72.9	.94	.93	165		
Tennessee		212		, .	.54			173	
Virginia	781		04.0	40.5	4.00	1.17		184	
Most Medials		842	94.0	93.6	1.09	.98	160	162	
West Virginia	60	23	78.1	77.9	.78	.79	179	182	
ulh Dakota	1,908	1,647	100.0	99.3	1.45	1.50	114		
North Dakota	1,908	1,836	100,0					115	
Wyoming	1,000		100,0	100.0	1.45	1.51	114	115	
TIPOTHING INCOMPRESSION OF THE PROPERTY.	40	11	-	-	-	.41	-	114	
	15,534	47 004	85.4	79.3	4.00				
nnessee	10,004	17,801	0014	10.0	1.68	1.67	125	136	

Table 16. Destination of Coal Received at Electric Utility Plants by Origin, January-October 1991 (Continued)

State of Destination State of Origin and Imports		ceipts short tons)		Receipts cent)	Sulfur ((lbs. per Mi	sulfur	Price (cents per MM Btu	
and imports	1991	1990	1991	1990	1991	1990	1991	1990
Tennessee								
Indiana	-	704	_	_	-	1.75	_	123
Kentucky	11,543	13,310	99.0	87.9	1.77	1.73	125	140
Tennessee	1,126	1,220	91.6	79.0	1.04	1.13	121	121
Virginia	1,092	1,018	100.0	100.0	1.36	1.38	130	131
West Virginia	.,	10		100.0	1.00	.57	-	158
Texas	70,773	70,346	97.6	97.1	1.03	1.01	151	146
Colorado	1,379	1,523	75.8	69.0	.35	.36	213	206
Texas	40,759	41,142	100.0	99.8	1.64	1.56	117	
Wyoming	28,635	27,680	95.3	94.5	.42	,44	182	108
Jtah	11,125	12,080	88.1	88.1	.42			184
Colorado	996	1,270	100.0	100.0		.44	119	115
Utah	10,129	10,810			,42	.46	227	222
	•	•	86,9	86.8	.40	.43	109	103
/irginia	7,012	6,738	62.7	67.4	.79	.75	153	155
Kentucky	2,250	2,163	54.5	62.5	.85	.81	152	158
Virginia	3,004	2,838	67.9	69.9	.74	.71	151	152
West Virginia	1,758	1,738	64.4	69.4	.78	.75	156	155
Vashington	4,054	4,304	100.0	91.7	.83	*88	155	158
Washington	4,054	3,956	100.0	99.8	.83	.92	155	161
Wyoming	-	348	-	-	-	.35	-	127
Vest Virginia	23,625	27,933	87.7	75.5	1.54	1,52	152	147
Kentucky	436	684	92.4	83.0	.68	.82	203	179
Maryland	1,715	932	83.4	58.9	1.31	1.37	119	123
Ohio	730	1,390	85.7	53.7	3.31	3.30	95	96
Pennsylvania	821	472	57.5	25.0	1,69	1.63	117	114
West Virginia	19,923	24,454	89.2	78.1	1.51	1.44	157	151
Visconsin	16,104	14,903	69.4	75.2	.85	.85	136	137
Illinois	637	1,038	67.6	77.3	1.32	1.77	151	143
Indiana	2,083	1,625	73.4	99.0	1.91	1.76	179	191
Kentucky	373	170	-	20.4	.87	.65	155	178
Montana	1,726	1,615	73.5	76.0	.71	.69	159	157
New Mexico	83	43			.45	.39	173	174
Pennsylvania	1,681	1,487	99.3	100.0	1.32	1.28	157	157
Virginia	49	53	00.0	100.0	.57	.57	173	175
West Virginia	39	133	_	_	1.54	1.24	167	164
Wyoming	9.452	8.739	66.6	69.2	.40	.41	111	111
/yoming	18,303	18,884	87.9	84,3	.59		84	84
Wyoming	18,303	18,884	87.9	84.3	.59	.61 .61	84 84	84 84
.S. Total	638,610	658,848	85.8	82.6	1,26	1.29	145	146

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu. Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 17. Origin of Coal Received at Electric Utility Plants by Destination, January-October 1991

Alabama	991 4,522 4,482 39 5,587 6,436 4,150 2,743 673 8,390 315 689 300 1,379 996 5,919 894 3,850 4,177 3,360 1,177 3,365 1,151 1,298 1,114 1,529 1,150 1,150 1,150 1,174 1,150 1,174 1,150 1,174	1990 13,862 13,647 215 9,304 5,948 3,356 12,803 841 8,327 11 457 178 196 1,523 1,270 45,427 416 3,531 4,131 13,032 8,174 1,122 1,172 91 43 957 10,158 24 1,539 1,038 26,210 459	83.9 84.1 100.0 100.0 100.0 72.0 100.0 73.5 - 100.0 75.8 100.0 87.4 91.5 93.7 100.0 91.4 88.2 94.5 18.5 - 100.0 98.0 83.3	91.7 93.1 100.0 100.0 100.0 100.0 81.0 100.0 76.8 - 100.0 94.2 100.0 69.0 100.0 83.9 - 98.5 94.7 90.0 86.3 91.3 16.7 88.6 100.0 90.1 83.5	1991 1.06 1.06 1.94 .46 .45 .37 .31 .38 .39 .39 .40 .35 .42 2.38 1.65 2.39 2.51 2.70 2.41 2.35 2.26 2.39 1.48 2.14 2.20	1990 1.10 1.10 1.66 .45 .44 .48 .39 .33 .39 .40 .39 .33 .40 .36 .46 2.42 2.03 2.42 2.52 2.72 2.42 2.49 2.51 1.59 1.32 2.03 2.21 2.57	1991 203 203 140 107 102 115 138 169 108 145 170 - 159 213 227 159 127 211 207 141 161 178 151 100 160 148 150	1990 204 205 155 108 100 122 144 174 108 156 301 118 159 206 222 159 112 208 196 146 159 169 169 169 151
Alabama Georgia Arizona Arizona Nevada Colorado Illinois Indiana Kansas Missouri Texas Utah Itinois Indiana Georgia Illinois Indiana Georgia Illinois Indiana Illinois Indiana Illinois Indiana Illinois	4,482 39 0,587 6,436 4,150 2,743 673 315 689 300 1,379 996 5,919 894 4,177 3,360 1,177 3,360 1,114 15 4,177 1,298 1,214 1,298	13,647 215 9,304 5,948 3,356 12,803 841 8,327 11 457 178 196 1,523 1,270 45,427 416 3,531 4,131 13,032 8,174 1,122 1,172 91 43 957 10,158 24 1,539 1,038 26,210	84.1 100.0 100.0 100.0 72.0 100.0 73.5 - 100.0 87.4 91.5 93.7 100.0 91.4 88.2 94.5 18.5 - 100.0 98.0 83.3 - 71.2 67.6	93.1 -100.0 100.0 100.0 81.0 100.0 76.8 -100.0 94.2 100.0 69.0 100.0 83.9 -98.5 94.7 90.0 86.3 91.3 16.7 88.6 100.0 90.1 83.5	1.06 1.94 .46 .46 .45 .37 .31 .38 .39 .39 .40 .35 .42 2.38 1.65 2.39 2.51 2.70 2.41 2.35 2.26 2.39 1.48 2.14 2.20	1.10 1.66 .45 .44 .48 .39 .33 .39 .40 .39 .36 .46 2.42 2.52 2.72 2.42 2.51 1.50 1.32 2.03 2.21	203 140 107 102 115 138 169 108 145 170 159 213 227 159 127 211 207 141 161 178 151 100 160 148 150	205 155 108 100 122 144 174 108 156 206 222 215 112 208 196 146 146 135 169 146 135
Alabama Georgia Arizona Arizona Nevada Colorado Illinois Indiana Kansas Missouri Texas Utah Itinois Indiana Georgia Illinois Indiana Georgia Illinois Indiana Illinois Indiana Illinois Indiana Illinois	4,482 39 0,587 6,436 4,150 2,743 673 315 689 300 1,379 996 5,919 894 4,177 3,360 1,177 3,360 1,114 15 4,177 1,298 1,214 1,298	13,647 215 9,304 5,948 3,356 12,803 841 8,327 11 457 178 196 1,523 1,270 45,427 416 3,531 4,131 13,032 8,174 1,122 1,172 91 43 957 10,158 24 1,539 1,038 26,210	84.1 100.0 100.0 100.0 72.0 100.0 73.5 - 100.0 87.4 91.5 93.7 100.0 91.4 88.2 94.5 18.5 - 100.0 98.0 83.3 - 71.2 67.6	93.1 -100.0 100.0 100.0 81.0 100.0 76.8 -100.0 94.2 100.0 69.0 100.0 83.9 -98.5 94.7 90.0 86.3 91.3 16.7 88.6 100.0 90.1 83.5	1.06 1.94 .46 .46 .45 .37 .31 .38 .39 .39 .40 .35 .42 2.38 1.65 2.39 2.51 2.70 2.41 2.35 2.26 2.39 1.48 2.14 2.20	1.10 1.66 .45 .44 .48 .39 .33 .39 .40 .39 .36 .46 2.42 2.52 2.72 2.42 2.51 1.50 1.32 2.03 2.21	203 140 107 102 115 138 169 108 145 170 159 213 227 159 127 211 207 141 161 178 151 100 160 148 150	205 155 108 100 122 144 174 108 156 206 222 215 112 208 196 146 146 135 169 146 135
Arizona	0,587 6,436 4,150 2,743 673 8,390 315 689 300 1,379 996 5,919 894 3,850 4,177 3,360 1,114 15 16 1,150 1,459 1,774 1,774 1,637 2,624	9,304 5,948 3,356 12,803 841 8,327 11 457 178 196 1,523 1,270 45,427 416 3,531 4,131 13,032 8,174 1,122 1,172 91 43 957 10,158 24 1,539 1,038 26,210	100.0 100.0 72.0 100.0 73.5 - 100.0 75.8 100.0 87.4 91.5 93.7 100.0 91.4 88.2 94.5 18.5 - 100.0 98.0 83.3	100.0 100.0 81.0 100.0 76.8 - 100.0 94.2 100.0 69.0 100.0 83.9 - 98.5 94.7 90.0 86.3 91.3 16.7 88.6 100.0 90.1 83.5	.46 .46 .45 .37 .31 .38 .39 .39 .40 .35 .42 2.38 1.65 2.39 2.51 2.70 2.41 2.35 2.26 2.39 1.48 2.14	.45 .44 .48 .39 .33 .39 .40 .36 .46 2.42 2.52 2.72 2.42 2.51 1.50 1.32 2.03 2.21	107 102 115 138 169 108 145 170 	108 100 122 144 108 156 301 118 159 206 222 159 108 1196 146 135 180
Arizona Nevada Colorado 1 Arizona Colorado Illinois Indiana Kansas Missouri Texas Utah Illinois Indiana Florida Georgia Illinois Indiana Illinois Indiana Illinois Illinoi	3,436 4,150 2,743 673 8,390 315 689 300 1,379 996 5,919 894 3,850 4,177 3,360 1,129 1,114 15 40 1,150 0,459	5,948 3,356 12,803 841 8,327 11 457 178 196 1,523 1,270 45,427 416 3,531 4,131 13,032 8,174 1,122 1,172 91 43 957 10,158 24 1,539 1,038 26,210	100.0 100.0 72.0 100.0 73.5 - 100.0 75.8 100.0 87.4 91.5 93.7 100.0 91.4 88.2 94.5 18.5 - 100.0 98.0 83.3	100.0 100.0 81.0 100.0 76.8 - 100.0 94.2 100.0 69.0 100.0 83.9 - 98.5 94.7 90.0 86.3 91.3 16.7 88.6 100.0 90.1 83.5	.46 .45 .37 .31 .38 .39 .39 .40 .35 .42 2.38 1.65 2.39 2.51 2.70 2.41 2.35 2.26 2.39 1.48 2.14	.44 .48 .39 .30 .40 .39 .33 .40 .36 .46 2.42 2.52 2.72 2.42 2.52 2.72 2.42 2.51 1.50 2.03 2.21	102 115 138 169 108 145 170 - 159 213 227 159 127 211 207 141 161 178 151 100 160 148 150	100 122 144 174 108 156 301 118 159 206 222 159 112 208 196 146 159 146 135 180
Arizona Nevada Colorado 1 Arizona Colorado Illinois Indiana Kansas Missouri Texas Utah Illinois Indiana Florida Georgia Illinois Indiana Illinois Indiana Illinois Illinoi	3,436 4,150 2,743 673 8,390 315 689 300 1,379 996 5,919 894 3,850 4,177 3,360 1,129 1,114 15 40 1,150 0,459	5,948 3,356 12,803 841 8,327 11 457 178 196 1,523 1,270 45,427 416 3,531 4,131 13,032 8,174 1,122 1,172 91 43 957 10,158 24 1,539 1,038 26,210	100.0 72.0 100.0 73.5 - 100.0 75.8 100.0 87.4 91.5 93.7 100.0 91.4 88.2 94.5 18.5 - 100.0 98.0 83.3 - 71.2 67.6	100.0 81.0 100.0 76.8 - 100.0 94.2 100.0 69.0 100.0 83.9 - 98.5 94.7 90.0 86.3 91.3 16.7 88.6 100.0 90.1 83.5	.45 .37 .31 .38 .39 .39 .40 .35 .42 2.38 1.65 2.39 2.51 2.70 2.41 2.35 2.26 2.39 1.48 2.14	.44 .48 .39 .30 .40 .39 .33 .40 .36 .46 2.42 2.52 2.72 2.42 2.52 2.72 2.42 2.51 1.50 2.03 2.21	115 138 169 108 145 170 - 159 213 227 159 127 211 207 141 161 178 151 100 160 148 150	122 144 174 108 156 301 118 159 206 222 159 112 208 196 146 145 146 135
Colorado	2,743 673 8,390 315 689 315 689 996 5,919 894 8,177 3,360 7,151 1,298 1,114 40 1,150 0,459 1,774 637 2,624	12,803 841 8,327 11 457 178 196 1,523 1,270 45,427 416 3,531 4,131 13,032 8,174 1,122 1,172 91 43 957 10,158 24 1,539 1,038 26,210	72.0 100.0 73.5 - 100.0 75.8 100.0 87.4 91.5 93.7 100.0 91.4 88.2 94.5 18.5 - 100.0 98.0 83.3	81.0 100.0 76.8 100.0 94.2 100.0 69.0 100.0 83.9 - 98.5 94.7 90.0 86.3 91.3 16.7 88.6 100.0 90.1 83.5	.37 .31 .38 .39 .39 .40 .35 .42 2.38 1.65 2.39 2.51 2.70 2.41 2.35 2.26 2.39 1.48 2.14	.39 .33 .39 .40 .39 .33 .40 .36 .46 2.42 2.03 2.42 2.52 2.72 2.42 2.40 1.59 1.32 2.03 2.21	138 169 108 145 170 	144 174 108 156 301 118 159 206 222 159 112 208 196 146 135 180
Colorado	673 8,390 315 689 - 300 1,379 996 894 3,850 4,177 3,360 1,151 1,298 1,114 15 40 1,450 1,450 1,450 1,477 40 1,478 1,578 1,774 1,637 1,774 1,774 1,774 1,637 1,774	12,803 841 8,327 11 457 178 196 1,523 1,270 45,427 416 3,531 4,131 13,032 8,174 1,122 1,172 91 43 957 10,158 24 1,539 1,038 26,210	100.0 73.5 - 100.0 75.8 100.0 87.4 91.5 93.7 100.0 91.4 88.2 94.5 18.5 - 100.0 98.0 83.3	100.0 76.8 - 100.0 94.2 100.0 69.0 100.0 83.9 - 98.5 94.7 90.0 86.3 91.3 16.7 88.6 100.0 90.1 83.5	.31 .38 .39 .39 .40 .35 .42 2.38 1.65 2.39 2.51 2.70 2.41 2.35 2.26 2.39 1.48 2.14	.33 .39 .40 .39 .33 .40 .36 .46 2.42 2.03 2.42 2.52 2.72 2.42 2.49 2.51 1.50 1.32 2.03 2.21	169 108 145 170 - 159 213 227 159 127 211 207 141 161 179 151 100 160 148 150	174 108 156 301 118 159 206 222 159 112 208 196 146 135 189
Arizona Colorado Illinois Indiana Kansas Missouri Texas Utah Itinois Alabama Florida Georgia Illinois Indiana Iowa Kansas Kentucky Minnesota Mississippi Missouri Ohio Tennessee Wisconsin Indiana Iowa Florida Georgia Illinois Indiana Iowa Kentucky Minnesota Mississippi Missouri Ohio Tennessee Wisconsin Indiana Illinois I	673 8,390 315 689 - 300 1,379 996 894 3,850 4,177 3,360 1,151 1,298 1,114 15 40 1,450 1,450 1,450 1,477 40 1,478 1,578 1,774 1,637 1,774 1,774 1,774 1,637 1,774	841 8,327 11 457 178 196 1,523 1,270 45,427 416 3,531 4,131 13,032 8,174 1,122 1,172 91 43 957 10,158 24 1,539 1,038 26,210	73.5 	76.8 - 100.0 94.2 100.0 69.0 100.0 83.9 98.5 94.7 90.0 86.3 91.3 16.7 88.6 100.0 90.1 83.5	.31 .38 .39 .39 .40 .35 .42 2.38 1.65 2.39 2.51 2.70 2.41 2.35 2.26 2.39 1.48 2.14	.39 .40 .39 .33 .40 .36 .46 2.42 2.03 2.42 2.52 2.72 2.49 2.51 1.59 1.32 2.03 2.21	108 145 170 - 159 213 227 159 127 211 207 141 161 178 151 100 160 148 150	108 156 301 118 159 206 222 159 112 208 196 146 159 146 135
Colorado	8,390 315 689 300 1,379 996 5,919 894 3,850 4,177 3,360 1,129 1,114 15 40 1,150 1,459 1,764 1,764 1,764	8,327 11 457 178 196 1,523 1,270 45,427 416 3,531 4,131 13,032 8,174 1,122 1,172 91 43 957 10,158 24 1,539 1,038 26,210	73.5 	76.8 - 100.0 94.2 100.0 69.0 100.0 83.9 98.5 94.7 90.0 86.3 91.3 16.7 88.6 100.0 90.1 83.5	.38 .39 .39 .40 .35 .42 2.38 1.65 2.39 2.51 2.70 2.41 2.35 2.26 2.39 1.48 2.14	.39 .40 .39 .33 .40 .36 .46 2.42 2.03 2.42 2.52 2.72 2.49 2.51 1.59 1.32 2.03 2.21	145 170 - 159 213 227 159 127 211 207 141 161 178 151 100 160 148 150	156 301 118 159 206 222 159 112 208 196 146 159 149 145 135
Illinois Indiana Kansas Missouri Texas Utah Itinois Alabama Florida Georgia Illinois Alabama Indiana	315 689 300 1,379 996 5,919 984 3,850 4,177 3,360 7,151 1,298 1,114 15 4,150 0,459 1,774 637 2,624	11 457 178 196 1,523 1,270 45,427 416 3,531 4,131 13,032 8,174 1,122 1,172 91 43 957 10,158 24 1,539 1,038 26,210	100.0 75.8 100.0 87.4 91.5 93.7 100.0 91.4 88.2 94.5 18.5 - 100.0 98.0 83.3 71.2 67.6	94.2 100.0 69.0 100.0 83.9 98.5 94.7 90.0 86.3 91.3 16.7 88.6 100.0 90.1 83.5	.39 .39 .40 .35 .42 2.38 1.65 2.39 2.51 2.70 2.41 2.35 2.26 2.39 1.48 2.14	.40 .39 .33 .40 .36 .46 2.42 2.03 2.42 2.52 2.72 2.42 2.49 2.51 1.50 1.32 2.03 2.21	170 159 213 227 159 127 211 207 141 161 178 151 100 160 148 150	301 118 159 206 222 159 112 208 196 159 169 146 135 180
Indiana Kansas Missouri Texas Utah Itinois 4 Alabama Florida Georgia Illinois 1 Indiana Iowa Kansas Kentucky Minnesota Mississippi Missouri 10 Ohio Tennessee Wisconsin Indiana Iowa Illinois Indiana Illinois	689 30 1,379 996 5,919 894 3,850 4,177 3,360 7,151 1,298 1,114 40 1,150 0,459 1,774 637 7,624	457 178 196 1,523 1,270 45,427 416 3,531 4,131 13,032 8,174 1,122 1,172 91 43 957 10,158 24 1,539 1,038 26,210	75.8 100.0 87.4 91.5 93.7 100.0 91.4 88.2 94.5 18.5 	94.2 100.0 69.0 100.0 83.9 - 98.5 94.7 90.0 86.3 91.3 16.7 88.6 100.0 90.1 83.5	.39 -40 .35 .42 2.38 1.65 2.39 2.51 2.70 2.41 2.35 2.26 2.39 1.48 2.14	.39 .33 .40 .36 .46 2.42 2.03 2.42 2.52 2.72 2.42 2.49 1.59 1.32 2.03 2.21	170 159 213 227 159 127 211 207 141 161 178 151 100 160 148 150	118 159 208 222 159 112 208 196 146 149 149 149 149 149 149
Kansas Missouri Texas Utah Rinois 4 Alabama Florida Georgia Minois Indiana Iowa Kansas Kentucky Minnesota Mississippi Missouri Ohio Tennessee Wisconsin Indiana Florida Georgia Illinois Islinois	300 1,379 996 5,919 894 3,850 7,151 1,298 1,114 15 40 1,150 0,459 1,774 637 2,624	178 196 1,523 1,270 45,427 416 3,531 4,131 13,032 8,174 1,122 1,172 91 43 957 10,158 24 1,539 1,038 26,210	75.8 100.0 87.4 91.5 93.7 100.0 91.4 88.2 94.5 18.5 	94.2 100.0 69.0 100.0 83.9 - 98.5 94.7 90.0 86.3 91.3 16.7 88.6 100.0 90.1 83.5	.40 .35 .42 2.38 1.65 2.39 2.51 2.70 2.41 2.35 2.26 2.39 1.48 2.14	.33 .40 .36 .48 2.42 2.03 2.42 2.52 2.72 2.42 2.40 2.51 1.50 1.32 2.03 2.21	159 213 227 159 127 211 207 141 161 179 151 100 160 148 150	159 206 222 159 112 208 196 146 159 146 135
Missouri Texas Utah Itinois	1,379 996 5,919 894 3,850 4,177 3,360 7,151 1,298 1,114 15 40 1,150 0,459 1,774 637 2,624	196 1,523 1,270 45,427 416 3,531 4,131 13,032 8,174 1,122 1,172 91 43 957 10,158 24 1,539 1,038 26,210	75.8 100.0 87.4 91.5 93.7 100.0 91.4 88.2 94.5 18.5 	100.0 69.0 100.0 83.9 98.5 94.7 90.0 86.3 91.3 16.7 88.6 100.0 90.1 83.5	.35 .42 2.38 1.65 2.39 2.51 2.70 2.41 2.35 2.26 2.39 1.48 2.14	.40 .36 .46 2.42 2.03 2.42 2.52 2.72 2.42 2.51 1.50 1.32 2.03 2.21	213 227 159 127 211 207 141 161 178 151 100 160 148 150	159 206 222 159 112 208 196 146 159 146 135
Texas	1,379 996 5,919 894 3,850 4,177 3,360 7,151 1,298 1,114 15 40 1,150 0,459 1,774 637 2,624	1,523 1,270 45,427 416 3,531 4,131 13,032 8,174 1,122 1,172 91 43 957 10,158 24 1,539 1,038 26,210	75.8 100.0 87.4 91.5 93.7 100.0 91.4 88.2 94.5 18.5 	69.0 100.0 83.9 98.5 94.7 90.0 86.3 91.3 16.7 88.6 100.0 90.1 83.5	.35 .42 2.38 1.65 2.39 2.51 2.70 2.41 2.35 2.26 2.39 1.48 2.14	.36 .46 2.42 2.03 2.42 2.52 2.72 2.42 2.49 2.51 1.59 1.32 2.03 2.21	213 227 159 127 211 207 141 161 178 151 100 160 148 150	206 222 159 112 208 196 146 159 146 135
Utah tinois	996 5,919 894 3,850 4,177 3,360 1,1298 1,114 15 4,0 1,150 0,459 1,774 637 2,624	1,270 45,427 416 3,531 4,131 13,032 8,174 1,122 1,172 91 43 957 10,158 24 1,539 1,038 26,210	100.0 87.4 91.5 93.7 100.0 91.4 88.2 94.5 18.5 - 100.0 98.0 83.3 71.2 67.6	100.0 83.9 - 98.5 94.7 90.0 86.3 91.3 16.7 88.6 100.0 90.1 83.5	.42 2.38 1.65 2.39 2.51 2.70 2.41 2.35 2.26 2.39 1.48 2.14 2.20	.46 2.42 2.03 2.42 2.52 2.72 2.42 2.49 2.51 1.50 1.32 2.03 2.21	227 159 127 211 207 141 161 178 151 100 160 148 150	222 159 112 208 196 146 159 169 146 135 180
tinois	5,919 894 3,850 4,177 3,360 7,151 1,298 1,114 15 40 1,150 0,459 - 1,774 637 2,624	45,427 416 3,531 4,131 13,032 8,174 1,122 1,172 91 43 957 10,158 24 1,539 1,038 26,210	87.4 91.5 93.7 100.0 91.4 88.2 94.5 18.5 - 100.0 98.0 83.3 71.2 67.6	83.9 98.5 94.7 90.0 86.3 91.3 16.7 88.6 100.0 90.1 83.5	2.38 1.65 2.39 2.51 2.70 2.41 2.35 2.26 2.39 1.48 2.14	2.42 2.03 2.42 2.52 2.72 2.42 2.49 2.51 1.59 1.32 2.03 2.21	159 127 211 207 141 161 178 151 100 160 148 150	159 112 208 196 146 159 169 146 135 180
Alabama Florida Georgia Ilinols Indiana Jowa Kansas Kentucky Minnesota Mississippi Missouri Ohio Tennessee Wisconsin Indiana Florida Georgia Illnols Indiana Illnols I	894 3,850 4,177 3,360 7,151 1,298 1,114 15 40 1,150 0,459 	416 3,531 4,131 13,032 8,174 1,122 1,172 91 43 957 10,158 24 1,539 1,038 26,210	91.5 93.7 100.0 91.4 88.2 94.5 18.5 	98.5 94.7 90.0 86.3 91.3 16.7 88.6 100.0 90.1 83.5	1.65 2.39 2.51 2.70 2.41 2.35 2.26 2.39 1.48 2.14	2.03 2.42 2.52 2.72 2.42 2.49 2.51 1.50 1.32 2.03 2.21	127 211 207 141 161 179 151 100 160 148 150	112 208 196 146 159 169 146 135
Florida Georgia Illinois 1	3,850 4,177 3,360 7,151 1,298 1,114 15 40 1,150 0,459 - 1,774 637 2,624	3,531 4,131 13,032 8,174 1,122 1,172 91 43 957 10,158 24 1,539 1,038 26,210	93.7 100.0 91.4 98.2 94.5 18.5 - 100.0 98.0 83.3 - 71.2 67.6	94.7 90.0 86.3 91.3 16.7 88.6 100.0 90.1 83.5	2.39 2.51 2.70 2.41 2.35 2.26 2.39 1.48 2.14 2.20	2.42 2.52 2.72 2.42 2.49 2.51 1.59 1.32 2.03 2.21	211 207 141 161 178 151 100 160 148 150	208 196 146 159 169 146 135 180
Georgia	1,177 3,360 7,151 1,298 1,114 15 40 1,150 0,459 - 1,774 637 2,624	4,131 13,032 8,174 1,122 1,172 91 43 957 10,158 24 1,539 1,038 26,210	100.0 91.4 88.2 94.5 18.5 	94.7 90.0 86.3 91.3 16.7 88.6 100.0 90.1 83.5	2.51 2.70 2.41 2.35 2.26 2.39 1.48 2.14 2.20	2.52 2.72 2.42 2.49 2.51 1.59 1.32 2.03 2.21	207 141 161 178 151 100 160 148 150	196 146 159 169 146 135 180
	3,360 7,151 1,298 1,114 15 40 1,150 0,459 - 1,774 637 2,624	13,032 8,174 1,122 1,172 91 43 957 10,158 24 1,539 1,038 26,210	91.4 88.2 94.5 18.5 - 100.0 98.0 83.3 - 71.2 67.6	90.0 86.3 91.3 16.7 88.6 100.0 90.1 83.5	2.70 2.41 2.35 2.26 2.39 1.48 2.14 2.20	2.72 2.42 2.49 2.51 1.59 1.32 2.03 2.21	141 161 178 151 100 160 148 150	146 159 169 146 135 180
Indiana	7,151 1,298 1,114 15 40 1,150 0,459 - 1,774 637	8,174 1,122 1,172 91 43 957 10,158 24 1,539 1,038 26,210	88.2 94.5 18.5 - 100.0 98.0 83.3 - 71.2 67.6	86.3 91.3 16.7 88.6 100.0 90.1 83.5	2.41 2.35 2.26 2.39 1.48 2.14 2.20	2.42 2.49 2.51 1.59 1.32 2.03 2.21	161 178 151 100 160 148 150	159 169 146 135 180 151
lowa	1,298 1,114 15 40 1,150 0,459 - 1,774 637	1,122 1,172 91 43 957 10,158 24 1,539 1,038 26,210	94.5 18.5 - 100.0 98.0 83.3 - 71.2 67.6	91.3 16.7 88.6 100.0 90.1 83.5	2.35 2.26 2.39 1.48 2.14 2.20	2.48 2.51 1.59 1.32 2.03 2.21	178 151 100 160 148 150	169 146 135 180 151
Kansas Kentucky Minnesota Mississippi Missouri 19 Ohio Tennessee Wisconsin Idlana 2: Alabama Florida Georgia Illinois Indiana 1: Iowa Kentucky Michigan Minnesota Mississippi Missouri Ohio Tennessee Wisconsin Wa Iowa Kentucky Michigan Minnesota Mississippi Missouri Ohio Tennessee Wisconsin Wa Iowa Iowa Iowa Iowa Iowa Iowa Iowa Iow	1,114 15 40 1,150 0,459 - 1,774 637 2,624	1,172 91 43 957 10,158 24 1,539 1,038 26,210	18.5 - 100.0 98.0 83.3 - 71.2 67.6	16.7 88.6 100.0 90.1 83.5	2.26 2.39 1.48 2.14 2.20	2.51 1.59 1.32 2.03 2.21	151 100 160 148 150	146 135 180 151
Kentucky Minnesota Mississippi Missouri Ohio Tennessee Wisconsin diana Alabama Florida Georgia Illinois Indiana Iowa Kentucky Michigan Minnesota Mississippi Missouri Ohio Tennessee Wisconsin Wa Iowa Iowa Rentucky Michigan Minnesota Mississippi Missouri Ohio Tennessee Wisconsin Wa Iowa Iowa Iowa Iowa Iowa Iowa Iowa Iow	15 40 1,150 0,459 - 1,774 637 2,624	91 43 957 10,158 24 1,539 1,038 26,210	100.0 98.0 83.3 71.2 67.6	88.6 100.0 90.1 93.5 - 27.8	2.39 1.48 2.14 2.20	1.59 1.32 2.03 2.21	100 160 148 150	135 180 151
Minnesota Mississippi Missouri 10 Ohio 2 Tennessee Wisconsin 3 Alabama 5 Florida 3 Georgia 3 Minnesota 4 Mississippi 6 Missouri 7 Ohio 7 Tennessee 8 Wisconsin 8 Missouri 8 Ohio 8 Tennessee 9 Wisconsin 9 Wiscons	40 1,150 0,459 1,774 637 2,624	43 957 10,158 24 1,539 1,038 26,210	98.0 83.3 71.2 67.6	100.0 90.1 93.5 - 27.8	1.48 2.14 2.20	1.32 2.03 2.21	160 148 150	180 151
Mississippi Missouri 19 Ohio 19 Tennessee Wisconsin 19 Idiana 21 Alabama 21 Alabama 31 Ilinois 19 I	1,150 0,459 - 1,774 637 2,624	957 10,158 24 1,539 1,038 26,210	98.0 83.3 71.2 67.6	90.1 83.5 - 27.8	2.14 2.20	2,03 2,21	148 150	151
Missouri 19 Ohio Tennessee Wisconsin 19 Idiana 2: Alabama Florida Georgia 19 Illinois 19 Indiana 19 Illinois 19 Indiana 19 Illinois 19 Ill	0,459 - 1,774 637 2,624	10,158 24 1,539 1,038 26,210	83.3 71.2 67.6	93.5 27.8	2.20	2.21	150	
Ohio Tennessee	- 1,774 637 2,624	24 1,539 1,038 26,210	71.2 67.6	27.8	-			150
Ohio Tennessee Wisconsin diana 2: Alabama Florida Georgia illinois Indiana 1: lowa Kentucky Michigan Minnesota Mississippi Missouri Ohio Tennessee Wisconsin wa Iowa - 1,774 637 2,624	1,539 1,038 26, 210	71.2 67.6			2.57	-	134	
Tennessee	637 2,624	1,539 1,038 26, 210	67.6					117
Wisconsin 2 Idiana 2 Alabama 2 Florida 3 Georgia 6 Illinois 1 Indiana 1 Iowa 5 Kentucky 6 Michigan 6 Missosir 0 Ohio 7 Tennessee 6 Wisconsin 6 Wa 1 Iowa 1	637 2,624	1,038 26,210	67.6		1.77	1.84	125	120
diana 2: Alabama 2: Alabama 5: Florida 6: Georgia 1: Ilmois 1: Iowa 6: Kentucky 6: Michigan 7: Minnesota 7: Missouri 7: Ohio 7: Tennessee 7: Wasconsin 8: Wasconsin 8: Wasconsin 8: Wasconsin 8: Alabama 8: Alabama 8: Connecticut 8: Alabama 7: Alabama 8: Alabama 8: Connecticut 8: Alabama 7: Alabama 8: Alabama 8: Connecticut 8: Alabama 8: Alabama 8: Alabama 8: Connecticut	2,624 -	26,210		77.3	1.32	1.77	151	143
Alabama	· -		, , , ,	74.3	2.27	2.30	129	128
Florida				1410	2121	2.05	-	117
Georgia Illinois Indiana 1s Iowa Kentucky Michigan Minnesota Mississippi Missouri Ohio Tennessee Wisconsin Iowa Iowa Iowa Iowa Iowa Iowa Iowa Iowa	153	373	_	_	2.65	2.86	111	108
Illinois Indiana India	52	913	24.0	-	2.03	2.00		100
Indiana		4 664	64.8	700		4.04	139	
lowa Kentucky Michigan Minnesota Mississippi Missouri Ohio Tennessee Wisconsin wa lowa ansas Kansas Missouri entucky 40 42 43 44 44 45 46 47 47 48 48 48 48 48 48 48 48 48 48 48 48 48	1,403	1,554	60,3	73.8	1.31	1.61	134	125
Kentucky Michigan Minnesota Mississippi Missouri Ohio Tennessee Wisconsin wa lowa ansas Kansas Missouri entucky Alabama Connecticut	5,836	17,968	80.6	80.6	2.39	2.41	125	125
Michigan Minnesota Mississippi Missouri Ohio Tennessee Wisconsin Wa lowa ansas Kansas Missouri entucky Alabama Connecticut	806	901	90.2	66.9	2.27	2.25	133	135
Minnesota Mississippi Missouri Ohio Tennessee Wisconsin wa lowa ansas Kansas Missouri entucky Alabama Connecticut	2,004	2,211	80.5	64.3	2.34	2.41	107	111
Mississippi Missouri Ohio Tennessee Wisconsin Wa lowa ansas Kansas Missouri entucky Alabama Connecticut	107	148	78.2	59.3	2.18	2.47	160	159
Missouri Ohio Tennessee Wisconsin wa lowa ansas Kansas Missouri entucky Alabama Connecticut	75	68	-	12.7	1.51	1.80	154	156
Ohio Tennessee Wisconsin wa lowa ansas Kansas Missouri entucky Alabama Connecticut	-	23	-	-	-	4.17	-	126
Tennessee Wisconsin Wa Jowa Jowa Josas Kansas Missouri Jentucky Alabama Connecticut	104	115	46.4	100.0	3.17	2,90	133	122
Wisconsin // wa // lowa // ansas // Kansas // Missouri // entucky 94 Alabama // Connecticut //	-	59	-	-	-	2.91	-	109
wa	~	704	-	-	-	1.75	-	123
wa	2,083	1,625	73.4	99.0	1.91	1.76	179	191
lowa	72	54	100.0	100.0	4,09	3.36	173	163
Ansas	72	54	100.0	100.0	4.09	3.36	173	163
Kansas	334	568	31.5	5.3	2.84	2.58	133	123
Missouri	87	226	56.4	-	2.43	2.41	121	121
entucky	248	342	22.9	8.8	3.00	2.69	137	124
Alabama	,552	108,719	81.5	73.2	1.46	1.49	153	155
Connecticut	,632	2,696	75.9	38.2	1.87	1.43	127	135
	697	2,696 814	75.9 88.7	90.5	.41		214	
Delaurare	52	117				.41		212
Delaware			100.0	14.2	.65	.52	174	194
	2,356	12,984	79.2	76.9	1.27	1,30	180	179
	9,823	12,336	76.4	68.5	1.23	1.28	164	169
	,213	1,820	72.0	44.1	.57	.81	166	156
	,796	3,917	91.2	91.0	2,39	2.42	129	132
lowa	1	25		-	2.49	2.75	147	132
	,169	24,075	82.6	75.7	2.47	2.45	117	118
Maryland	269	367	87.0	77.7	.50	.56	156	160
Massachusetts		49	100.0	-	.58	.75	175	180
	1	6,166	87.7	71.3	.76	.74	179	178
Minnesota		•	-	56.6	-	.91	-	189
	1	8		70.1		1.01	180	171
Missouri	1 5,152 -		80.6		.76		126	123
New Hampshire	1 5,152 - ,922	2,350	90.5 92.8		.76 2.56		1 2.0	
New Jersey	1 5,152 -	2,350 972	90.5 92.8	97.7	.76 2.56	2,56	_	
New York	1 5,152 - ,922	2,350	92.8				170	201 190

Table 17. Origin of Coal Received at Electric Utility Plants by Destination, January-October 1991 (Continued)

State of Origin and Imports State of Destination		eipts short tons)	1	t Receipts rcent)	Sulfur C (lbs. s per MA	ulfur		ice er MM Btu)
	1991	1990	1991	1990	1991	1990	1991	1990
Kentucky				···				
North Carolina	6,878	8,175	90.4	80.8	0.75	0.78	185	183
Ohio	6,850	8,157	67.9	46.8	.97	.99	159	150
Pennsylvania	15		100.0	-	1.06	-	177	-
South Carolina	6,708	6,790	66,3	72.9	.94	.93	165	173
Tennessee	11,543	13,310	99.0	87.9	1.77	1.73	125	140
Virginia	2,250	2,163	54.5	62.5	.85	.81	152	150
West Virginia	436	684	92.4	83.0	.68	.82	203	179
Wisconsin	373	170	-	20.4	.87	.65	155	178
oulsiana	2,592	2,719	100.0	100.0	.91	.79	134	133
Louisiana	2,592	2,719	100.0	100.0	.91	.79	134	133
Maryland	2,863	2,467	81.4	50.0	1.25	1.28	141	154
Delaware	15	21	-	100.0	1.21	1.11	141	141
Maryland	1,114	1,451	80.7	45.7	1.16	1.24	173	171
Massachusetts	-	40	-	_	-	.75	-	185
New York	18	23	-	-	1.42	1.33	151	169
West Virginia	1,715	932	83.4	58.9	1.31	1.37	119	123
Missouri	1,668	2,026	98.9	97.5	3,99	3.96	181	149
Missouri	1,668	2,026	98.9	97.5	3.99	3.98	181	149
Nontana	30,787	29,102	97.3	94.3	.58	.58	142	139
Illinois	2,731	2,333	100.0	100.0	.37	.39	277	290
Indiana,	633	563	100.0	57.9	.36	.39	280	23
Michigan	9,750	9,315	99.0	97.1	.39	.37	154	150
Minnesota	7,508	7,665	96.8	89.9	.70	.76	135	134
Mississippl	23	-			.31		175	-
Montana	8,415	7,610	100.0	100.0	.77	.74	67	65
Wisconsin	1,726	1,615	73,5	76.0	.71	.69	159	157
lew Mexico	17,271	19,396	98.2	99.0	.74	.74	156	151
Arizona	6,845	6,259	96.9	99.7	.56	.52	181	187
Illinois	0,010	211		47.4		.46	-	166
Missouri	8	18	_		.42	.34	167	135
New Mexico	10,336	12,864	100.0	100.0	.88	.87	138	131
Wisconsin	83	43			.45	.39	173	174
lorth Dakota	19,723	18,833	98.6	100.0	1.29	1.25	75	72
MInnesota	1	10,000	100.0	100.0	1,17	.87	178	174
North Dakota	17,814	17,196	98.4	100.0	1,28	1.22	71	69
South Dakota	1,908	1,636	100.0	100.0	1.45	1.51	114	115
Ohio	24,110	25,272	77,8	71.1	2,95	2.85	146	149
Alabama	158	493	100.0	95.0	1.72	2.00	118	117
Florida	240	400	100.0	20.0	2.98	2.00	164	
Georgia	240	46	-		2.00	2.28	144	142
	32	47	_	_	2.28	2.25	137	125
Indiana ,,,,,,,	268	233	74.7	55.8	2.20	2.40	147	147
Kentucky	7	200	74.7	55.6	1.57	2.40	167	177
Maryland	119	157	93.3	83.4	2.65	2.77	203	193
Michigan	110		03.3	03.4	2.00	2.10	200	171
Missouri	-	24	-	-	_	1.66	-	203
New Jersey	-	14 38	-			1.55	- -	160
New York	21,749	21,141	77.5	70.3	2.94	2.81	147	153
Ohlo	21,749 806		99.9	97.0	3.27	3.36	160	151
Pennsylvania		1,688		53.7	3.27	3.30	95	96
West Virginia	730	1,390	85.7 97.6	30.3	1.61	1,49	139	138
klahoma	408	821	87.6		1.01	3.64	198	138
Missouri	400	36 794	97 G	100,0	1.61	1.39	139	138
Oklahoma	408	784	87.6	27.1			154	
ennsylvania	39,639	43,051	75.2	68.7	1.46	1.47	168	154 163
Delaware	345	286	33.1	36.8	1.11	1.04	128	103
Florida ,	3	12	-	12.4	1.12	2.05	128	113
Kentucky	1076				1 40		177	
Maryland	1,875	2,121	97.6	91.7	1.46	1.48		179
Massachusetts	385	804	010	28.5	1.11	1.08	175 152	174
Michigan	1,489	1,652	81.9	70.6	1.29	1.10		159
Minnesota	8	3	57.9	100.0	1.09	1.02	178	176
New Hampshire	652	127	100.0	100.0	1.12	1.08	177	179
New Jersey	15	26	45.7	4-7 -	1.87	.95	160	189
New York	4,194	4,546	45.7	47.7	1.40	1.45	152	156
Ohlo	2,287	2,744	61,8	59.5	1.63	1.72	138	140
Pennsylvania	25,904	28,770	79.3	71.5	1.49	1.50	153	153
West Virginia	821	472	57.5	25.0	1.69	1.63	117	114
Wisconsin ,	1,661	1,487	99,3	100.0	1.32	1.28	157	157

Table 17. Origin of Coal Received at Electric Utility Plants by Destination, January-October 1991 (Continued)

Florida	17 4,03: 180 70: 181 10: 189 1,175: 190 9: 13 518 - 212: 166 1,220: 189 41,142: 14 13,126: 15 2,316: 19 10,810: 19 14,622: 16 227: 11 817	8 57.9 1 100.0 - 100.0 3 93.5 2 - 2 0 91.6 2 100.0 2 100.0 6 89.2 6 100.0 9 86.9	1990 54.8 11.3 100.0 44.9 100.0 84.9 - 79.0 99.8 99.8 89.0 99.8	1991 1.12 .85 .92 1.54 .59 1.79 - 1.04 1.64 1.64	1990 1.14 .65 .85 1.10 .56 2.08 1.17 1.13 1.56 1.56	1991 128 130 218 152 149 115 - 121 117	1990 146 124 214 183 169 120 164 121 108
Alabama	7088 7088 70881 10089 1,17580 9 1,17580 9 1,17580 9 1,17580 9 1,17580 9 1,17580 9 1,17580 9 1,17580 9 10,810 14,625 6 2271 817 6 2,836 7 55	8 57.9 1 100.0 - 100.0 3 93.5 2 - 2 0 91.6 2 100.0 2 100.0 6 89.2 6 100.0 9 86.9	11.3 100.0 44.9 100.0 84.9 - 79.0 99.8 99.8 89.0	.85 .92 1.54 .59 1.79 - 1.04 1.64 1.64	.65 .85 1.10 .56 2.08 1.17 1.13 1.56	130 218 152 149 115 - 121 117	124 214 183 169 120 164 121
Florida	31 10 39 1,175 10 95 13 518 - 212 26 1,22 39 41,142 19 41,142 14 13,128 5 2,318 19 14,625 6 227 11 817 6 2,836 7 56	1 100.0 9 - 100.0 8 93.5 2 - 0 91.6 2 100.0 2 100.0 6 89.2 6 100.0 9 86.9	100.0 44.9 100.0 84.9 - 79.0 99.8 99.8 89.0	.92 1.54 .59 1.79 1.04 1.64 1.64	.85 1.10 .56 2.08 1.17 1.13 1.56	218 152 149 115 - 121 117	214 183 169 120 164 121
Georgia Illinois Kentucky 5 South Carolina Tennessee 1,1	89 1,178 10 95 13 518 - 212 166 1,222 169 41,142 199 41,142 144 13,126 15 2,316 199 10,816 19 14,628 16 227 11 817 16 2,836 17 55 - 60	9	44.9 100.0 84.9 - 79.0 99.8 99.8 89.0	1.54 .59 1.79 - 1.04 1.64 1.64	1.10 .56 2.08 1.17 1.13 1.56	152 149 115 - 121 117	183 169 120 164 121 108
Illinois Kentucky 5 South Carolina Tennessee 1,1 Exas	0 95 3 518 - 212 6 1,220 9 41,142 14 13,120 5 2,316 9 10,810 14,625 6 227 1 817 6 2,836 7 55 - 60	5 100.0 8 93.5 2 - 0 91.6 2 100.0 2 100.0 6 89.2 6 100.0 6 86.9	100.0 84.9 - 79.0 99.8 99.8 89.0 99.6	.59 1.79 - 1.04 1.64 1.64	.56 2.08 1.17 1.13 1.56 1.56	152 149 115 - 121 117	183 169 120 164 121 108
Kentucky 5 South Carolina 1 Tennessee 1,1 exas 40,7 Itah 12,2 Nevada 2,1 Utah 10,1 Iriginia 13,6 Delaware 7 Florida 7 Georgia 2,80 Indiana Kentucky Maryland Massachusetts Maryland 90 Methigan 3,40 New Jersey 50 North Carolina 76 Tenne ssee 1,00 Virginia 3,00 Wisconsin 4,00 Vest Virginia 70,11 Adabama 1,33 Delaware 1,13 Florida 1,60 Georgia 2,00 Illinols 62 Indiana 18 Kentucky 2,74 Louistana 12 Maryland 4,17 Massachusetts	13 518 - 212 16 1,222 169 41,142 169 41,142 164 13,126 15 2,316 199 10,810 199 14,626 16 227 11 817 16 2,836 17 55 - 60	93.5 2 - 91.6 2 100.0 2 100.0 6 89.2 3 100.0 9 86.9	100.0 84.9 - 79.0 99.8 99.8 89.0 99.6	.59 1.79 - 1.04 1.64 1.64	.56 2.08 1.17 1.13 1.56 1.56	149 115 - 121 117 117	169 120 164 121 108
South Carolina Tennessee 1,1	- 212 16 1,220 19 41,144 19 41,142 14 13,126 15 2,316 19 10,810 10,810 10,810 11,625 10,810 11,625 10,810 11,625 10,810 11,625	2 - 91.6 2 100.0 2 100.0 6 89.2 6 100.0 0 86.9	84.9 79.0 99.8 99.8 89.0 99.6	1.79 - 1.04 1.64 1.64 .40	2.08 1.17 1.13 1.56 1.56	115 - 121 117 117	120 164 121 108
South Carolina Tennessee 1,1	- 212 66 1,226 69 41,142 69 41,142 14 13,126 5 2,316 19 10,810 19 14,622 6 227 1 817 6 2,836 7 55 - 60	2 - 91.6 2 100.0 2 100.0 6 89.2 6 100.0 0 86.9	79.0 99.8 99.8 89.0 99.6	1.04 1.64 1.64 .40	1,17 1,13 1,56 1,56	121 117 117	164 121 108
Tennessee 1,1 fexas 40,7 Texas 12,2 Texas 11,3 Texas 12,3 Texas 12	106 1,220 107 41,142 109 41,142 14 13,120 15 2,316 109 10,810 109 14,625 10 817 10 2,836 11 817 12 2,836 13 2,836 14 60 15 2,836 16 6 6	91.6 2 100.0 2 100.0 6 89.2 6 100.0 9 86.9	99,8 99.8 89.0 99.6	1.04 1.64 1.64 .40	1.13 1.56 1.56	121 117 117	121 108
Texas	59 41,142 19 41,142 14 13,126 5 2,316 19 10,816 10 14,625 6 227 11 817 6 2,836 7 55 - 60	2 100.0 2 100.0 6 89.2 6 100.0 0 86.9	99,8 99.8 89.0 99.6	1.64 1.64 .40	1.56 1.56	117 117	108
Texas	9 41,142 14 13,126 5 2,316 9 10,816 15 14,625 6 227 11 817 6 2,836 7 55	2 100.0 6 89.2 6 100.0 0 86,9	99.8 89.0 99.6	1.64 .40	1.56	117	
Jish 12,2 Nevada 2,1 Utah 10,1 Iriginia 13,6 Delaware Florida 7, Georgia 2,8 Indiana Kentucky Maryland Massachusetts 9; Michigan New Jersey 5; North Carolina 3,44 Ohio South Carolina 3,00 Wisconsin 4,00 Washington 4,00 Washington 4,00 Washington 4,00 Ababama 1,30 Delaware 1,13 Florida 1,60 Georgia 2,00 Illinois 62 Indiana 18 Kentucky 2,74 Louistana 1,2 Maryland 4,17 Massachusetts 2,09 Michigan 5,48 Minnesota 1,00 New Hampshire 24 New Jersey 1,08 North Carolina 4,10 Ohio 9,05 Penasylvania 8,15 South Carolina 6 Tennessee 1,75 West Virginia 1,992 Wisconsin 3 Yoming 152,92 Alabama Arkansas 10,360	14 13,126 5 2,316 19 10,810 19 14,626 6 227 1 817 6 2,836 7 55 - 60	6 89,2 6 100,0 9 86,9	89.0 99.6	.40			
Nevada	5 2,316 9 10,810 10 14,629 6 227 1 817 6 2,836 7 55	0.00.0 0.86,9	99.6			4	108
Utah 10,1 /irginia 13,6 Delaware 7 Florida 7 Georgla 2,8 Indiana 2,8 Kentucky Maryland Massachusetts 9 Michigan 3,4 New Jersey 58 North Carolina 7 Tennessee 1,03 Virginia 3,00 Wisconsin 4 Vashington 4,04 Vashington 4,05 Vashington 4,05 Vastington 1,05 Vastington 2,08 Vastington 2,08 Vastington 2,09 Georgia 2,06 Illinots 62 Indiana 18 Kentucky 2,74 Louisiana 12 Maryland 4,17 Massachusetts 2,09 Michigan 5,48 Minnesota 1,08 New Hamp	10,810 14,625 6 227 1 817 6 2,836 7 55 - 60	86,9				123	117
/irginia 13,6 Defaware 7. Georgia 2,8 Indiana 2,8 Kentucky Maryland Massachusetts 9. Michigan 3,4 New Jersey 50 North Carolina 7 Tennessee 1,00 Virginia 3,00 Washington 4,0 Washington 4,0 Washington 4,0 West Virginia 70,11 Ababma 1,30 Delaware 1,13 Florida 1,60 Georgia 2,08 Illinois 62 Indiana 18 Kentucky 2,74 Louisiana 12 Maryland 4,17 Massachusetts 2,09 Michigan 5,48 Minnesota 1 New Hampshire 24 New Jersey 1,08 New Hampshire 24 <td< td=""><td>19 14,629 6 227 11 817 6 2,836 7 55 - 60</td><td></td><td>000</td><td>.43</td><td>.47</td><td>185</td><td>180</td></td<>	19 14,629 6 227 11 817 6 2,836 7 55 - 60		000	.43	.47	185	180
Defaware 7. Florida 7. Georgia 2,80 Indiana Kentucky Maryland Massachusetts Michigan 3,40 New Jersey 55 North Carolina 76 Tenne ssee 1,00 Virginia 3,00 Washington 4,00 Washington 4,00 Washington 4,00 West Virginia 70,11 Ababama 1,30 Delaware 1,13 Florida 1,60 Georgia 2,00 Illinols 62 Indiana 18 Kentucky 2,74 Louistana 12 Maryland 4,17 Massachusetts 2,09 Michigan 5,48 Minnesota 1 New Hampshire 24 New Jersey 1,08 New Hampshire 24 New Jersey 1,08 <t< td=""><td>6 227 6 817 6 2,836 7 55 - 60</td><td>9 84.7</td><td>86.8</td><td>.40</td><td>.43</td><td>109</td><td>103</td></t<>	6 227 6 817 6 2,836 7 55 - 60	9 84.7	86.8	.40	.43	109	103
Florida	1 817 6 2,836 7 55 - 60		85.0	.89	.88	168	169
Georgia	6 2,836 7 55 - 60	7 80.8	51.7	.88	.71	202	195
Indiana	7 55 - 60	94.5	89.0	.62	.58	227	236
Kentucky Maryland Massachusetts 95 Michigan 3,44 New Jersey 56 North Carolina 77 Tennessee 1,03 Virginia 3,00 Wisconsin 4,00 Washington 4,04 Washington 4,01 Washington 4,01 Washington 4,02 Washington 4,01 Washington 4,01 Washington 4,01 Washington 1,03 Delaware 1,13 Florida 1,60 Georgia 2,08 Illinois 62 Indiana 18 Kentucky 2,74 Louisiana 12 Maryland 4,17 Massachusetts 2,09 Michigan 5,48 Minnesota 1 New Hampshire 24 New Jersey 1,08 New York 2,95 <	- 60	77.5	73.4	1.05	1.06	177	174
Kentucky Maryland Massachusetts 95 Michigan 3,44 New Jersey 56 North Carolina 77 Tennessee 1,03 Virginia 3,00 Wisconsin 4,00 Washington 4,04 Washington 4,01 Washington 4,01 Washington 4,02 Washington 4,01 Washington 4,01 Washington 4,01 Washington 1,03 Delaware 1,13 Florida 1,60 Georgia 2,08 Illinois 62 Indiana 18 Kentucky 2,74 Louisiana 12 Maryland 4,17 Massachusetts 2,09 Michigan 5,48 Minnesota 1 New Hampshire 24 New Jersey 1,08 New York 2,95 <	- 60			.40	.58	163	164
Maryland 9: Massachusetts 9: Michigan 3,44 New Jersey 5: North Carolina 76 Tenne ssee 1,05 Virginia 3,00 Washington 4,05 Washington 4,05 Washington 4,05 West Virginia 70,11 Adabama 1,30 Delaware 1,13 Florida 1,60 Georgia 2,08 Illinois 62 Indiana 18 Kentucky 2,74 Louisiana 12 Maryland 4,17 Massachusetts 2,09 Michigan 5,48 Minnesota 1 New Hampshire 24 New York 2,95 North Carolina 4,40 Ohio 9,95 Pennsylvania 8,15 South Carolina 6 Tennessee 1,75			100,0	.40	.58	103	
Massachusetts 9: Michigan 3,44 New Jersey 5: North Carolina 7: Tennessee 1,03 Virginia 3,00 Wisconsin 4,00 Washington 4,00 Washington 4,00 Washington 4,00 Washington 4,00 Washington 4,01 West Virginia 70,11 Adabama 1,30 Delaware 1,13 Florida 1,60 Georgia 2,06 Illinois 62 Indiana 18 Kentucky 2,74 Louisiana 12 Maryland 4,17 Massachusetts 2,09 Michigan 5,48 Minnesota 10 New Hampshire 24 New Hampshire 24 New York 2,95 North Carolina 4,40 Ohio 9,95 <t< td=""><td></td><td></td><td>100,0</td><td></td><td>.49</td><td></td><td>158</td></t<>			100,0		.49		158
Michigan 55 New Jersey 55 North Carolina 78 South Carolina 78 Tennessee 1,03 Virginia 3,00 Wisconsin 4,00 Washington 4,00 Washington 4,00 Washington 4,01 Washington 4,01 Washington 4,01 Washington 4,01 Washington 4,01 Washington 4,01 Mashington 1,02 Georgia 2,08 Illinois 62 Indiana 18 Kentucky 2,74 Louisiana 12 Maryland 4,17 Massachusetts 2,09 Michigan 5,48 Michigan 5,48 Michigan 5,48 Michigan 5,48 Michigan 5,48 New Hampshire 24 New Jersey 1,08 <			00.4	70		-	184
New Jersey 55 North Carolina 3,44 Ohio 75 South Carolina 76 Tennessee 1,05 Virginia 3,06 Washington 4,01 Washington 1,03 Delaware 1,13 Florida 1,60 Georgia 2,08 Illinois 62 Indiana 18 Kentucky 2,74 Louisiana 12 Maryland 4,17 Massachuselts 2,09 Michigan 5,48 Minnesota 10 New Hampshire 24 New Jersey 1,08 New York 2,95 North Carolina 6 Yenensylvania 8,15			92.1	.78	,95	176	175
North Carolina 3,44 Ohio 3 South Carolina 78 Tennessee 1,03 Virginia 3,00 Washington 4,05 Washington 1,30 Delaware 1,13 Florida 1,60 Georgia 2,08 Illinois 62 Indiana 18 Kentucky 2,74 Louisiana 12 Maryland 4,17 Massachusetts 2,09 Michigan 5,48 Minnesota 10 New Hampshire 24 New York 2,95 North Carolina 4,40 Ohio 9,35 Pennsylvania 8,15 South Carolina 6 <t< td=""><td>- 113</td><td></td><td>100.0</td><td>-</td><td>1,09</td><td></td><td>186</td></t<>	- 113		100.0	-	1,09		186
Ohio 300th Carolina 76 Tennessee 1,03 Virginia 3,00 Washington 4,04 Vashington 4,05 Vest Virginia 70,11 Ababama 1,30 Delaware 1,13 Florida 1,60 Georgia 2,08 Illinols 62 Indiana 18 Kentucky 2,74 Louisiana 12 Maryland 4,17 Massachusetts 2,09 Michigan 5,48 Minnesota 10 New Hampshire 24 New Hampshire 24 New York 2,95 North Carolina 4,40 Ohio 9,95 Pennsylvania 8,15 South Carolina 6 Tennessee 1,75 West Virginia 19,92 Wisconsin 3 yoming 152,92 Alabama 10,			98.3	.58	.58	178	177
South Carolina 76 Tennessee 1,00 Virginia 3,00 Wisconsin 6 Vashington 4,00 Washington 4,00 Washington 70,11 Vest Virginia 70,11 Adabama 1,30 Delaware 1,15 Florida 1,60 Georgia 2,08 Illinols 6 Indiana 18 Kentucky 2,74 Louisiana 12 Maryland 4,17 Massachusetts 2,09 Michigan 5,48 Minnesota 1 New Hampshire 24 New York 2,95 North Carolina 4,40 Ohio 9,95 Pennsylvania 8,15 South Carolina 6 Tennessee 1 Virginia 1,75 West Virginia 19,92 Wisconsin 3	•	98.0	97.1	.86	.84	171	168
Tennessee 1,03 Virginia 3,00 Virginia 3,00 Wisconsin 4,00 Washington 4,00 Vashington 4,00 Vest Virginia 70,11 Alabama 1,30 Delaware 1,13 Florida 1,60 Georgia 2,08 Illinols 82 Indiana 18 Kenfucky 2,74 Louisiana 12 Maryland 4,17 Massachusetts 2,09 Michigan 5,48 Michigan 5,48 Minnesota New Hampshire 24 New Jersey 1,08 New York 2,95 North Carolina 4,40 Ohio 9,05 Pennsylvania 8,15 South Carolina 6 Tennessee Virginia 1,75 West Virginia 19,92 Wisconsin 3: Vyomfing 152,92 Alabama Arkansas 10,366	8 -	-	-	.63	-	143	_
Virginia 3,00 Wisconsin 4,00 Yashington 4,00 Washington 4,00 Washington 70,11 Adabama 1,30 Delaware 1,13 Florida 1,60 Georgia 2,08 Illinols 62 Indiana 18 Kentucky 2,74 Louisiana 12 Maryland 4,17 Massachusetts 2,09 Michigan 5,48 Minnesota 8 New Hampshire 24 New Jersey 1,08 New York 2,95 North Carolina 4,40 Ohio 9,95 Pennsylvania 8,15 South Carolina 6 Tennessee Virginia 1,75 West Virginia 19,92 Wisconsin 3 yoming 152,92 Alabama 10,36	1 842	94.0	93,6	1.09	.98	160	162
Wisconsin 4,04 Yashington 4,05 Washington 4,05 Vest Virginia 70,11 Adabama 1,30 Delaware 1,13 Florida 1,60 Georgia 2,08 Illinois 62 Indiana 18 Kentucky 2,74 Louisiana 12 Maryland 4,17 Massachusetts 2,09 Michigan 5,48 Minnesota 1 New Hampshire 24 New Jersey 1,08 North Carolina 4,40 Ohio 9,35 Pennsylvania 8,15 South Carolina 6 Tennessee Virginia 1,75 West Virginia 19,92 Wisconsin 3 yoming 152,92 Alabama 10,36	2 1,018	100.0	100.0	1.36	1.38	130.	131
Wisconsin 4,04 Yashington 4,05 Washington 4,05 Vest Virginia 70,11 Adabama 1,30 Delaware 1,13 Florida 1,60 Georgia 2,08 Illinois 62 Indiana 18 Kentucky 2,74 Louisiana 12 Maryland 4,17 Massachusetts 2,09 Michigan 5,48 Minnesota 1 New Hampshire 24 New Jersey 1,08 North Carolina 4,40 Ohio 9,35 Pennsylvania 8,15 South Carolina 6 Tennessee Virginia 1,75 West Virginia 19,92 Wisconsin 3 yoming 152,92 Alabama 10,36	4 2,838	67.9	69.9	.74	.71	151	152
Vashington 4,0 Washington 4,0 Vest Virginia 70,11 Vest Virginia 70,11 Abama 1,3 Delaware 1,15 Florida 1,60 Georgia 2,08 Illinols 82 Indiana 18 Kentucky 2,74 Louisiana 12 Maryland 4,17 Massachusetts 2,09 Michigan 5,48 Minnesota 10 New Hampshire 24 New Jersey 1,08 North Carolina 4,40 Ohio 9,05 Pennsylvania 8,15 South Carolina 6 Tennessee 1,75 West Virginia 19,92 Wisconsin 3 yoming 152,92 Alabama 10,36	9 53		-	.57	.57	173	175
Washington 4,05 Yest Virginia 70,11 Atabama 1,30 Delaware 1,13 Florida 1,60 Georgia 2,08 Illinols 62 Indiana 18 Kentucky 2,74 Louisiana 12 Maryland 4,17 Massachusetts 2,09 Michigan 5,48 Minnesota New Hampshire 24 New Jersey 1,08 New York 2,95 North Carolina 4,40 Ohio 9,95 Pennsylvania 8,15 South Carolina 6 Tennessee Virginia 1,75 West Virginia 19,92 Wisconsin 3: yoming 152,92 Alabama 10,36			99.8	.83	.92	155	
Vest Virginia 70,11 Ababama 1,33 Delaware 1,13 Florida 1,66 Georgia 2,08 Illinois 62 Indiana 18 Kentucky 2,74 Louisiana 12 Maryland 4,17 Massachuselts 2,09 Michigan 5,48 Minnesota 8 New Hampshire 24 New Jersey 1,08 North Carolina 4,40 Ohio 9,95 Penasylvania 8,15 South Carolina 6 Tennessee Virginia 1,75 West Virginia 19,92 Wisconsin 3 yoming 152,92 Alabama 10,36			99.8				161
Atabama 1,30 Delaware 1,13 Florida 1,60 Georgia 2,08 Illinols 62 Indiana 18 Kentucky 2,74 Louisiana 12 Maryland 4,17 Massachusetts 2,09 Michigan 5,48 Minnesota New Hampshire 24 New Jersey 1,08 New York 2,95 North Carolina 4,40 Ohio 9,95 Pennsylvania 8,15 South Carolina 6 Tennessee Virginia 1,75 West Virginia 19,92 Wisconsin 3 Vyoming 152,92 Alabama 152,92 Alabama 156				.83	.92	155	161
Delaware 1,13 Florida 1,60 Georgia 2,08 Illinois 82 Indiana 18 Kentucky 2,74 Louisiana 12 Maryland 4,17 Massachusetts 2,09 Michigan 5,48 Minnesota 10 New Hampshire 24 New Jersey 1,08 North Carolina 4,40 Ohio 9,05 Pennsylvania 8,15 South Carolina 6 Tennessee 1,75 West Virginia 19,92 Wisconsin 3 yoming 152,92 Alabama 10,36			78.9	1.30	1.31	160	158
Florida 1,60 Georgia 2,08 Illinois 62 Illinois 62 Illinois 12 Indiana 18 Kentucky 2,74 Louisiana 12 Maryland 4,17 Massachusetts 2,09 Michigan 5,48 Minnesota New Hampshire 24 New Jersey 1,08 New York 2,95 North Carolina 4,40 Ohio 9,95 Pennsylvania 8,15 South Carolina 6 Tennessee Virginia 1,75 West Virginia 19,92 Wisconsin 3: Yoming 152,92 Alabama Arkansas 10,366		63.3	.	.90	.51	140	151
Georgia 2,08 Illinois 82 Indiana 18 Kentucky 2,74 Louisiana 12 Maryland 4,17 Massachusetts 2,09 Michigan 5,48 Minnesota 8 New Hampshire 24 New Jersey 1,08 New York 2,95 North Carolina 4,40 Ohio 9,95 Pennsylvania 8,15 South Carolina 6 Tennessee Virginia 1,75 West Virginia 19,92 Wisconsin 3: yoming 152,92 Alabama 10,36			96.1	.63	.68	180	184
Illinois 62 Indiana 18 Kentucky 2,74 Louistana 12 Maryland 4,17 Massachusetts 2,09 Michigan 5,48 Minnesota New Hampshire 24 New Jersey 1,08 New York 2,95 North Carolina 4,40 Ohio 9,35 Pennsylvania 8,15 South Carolina 6 Tennessee Virginia 1,75 West Virginia 19,92 Wisconsin 3: 190 Yoming 152,92 Alabama Arkansas 10,366		93.7	87.7	.92	.89	196	184
Indiana	1,216	59.9	99.3	.54	.56	218	247
Kentucky 2,74 Louistana 12 Maryland 4,17 Massachusetts 2,09 Michigan 5,48 Minnesota 24 New Hampshire 24 New Jersey 1,08 North Carolina 4,40 Ohio 9,95 Pennsylvania 8,15 South Carolina 6 Tennessee Virginia 1,75 West Virginia 19,92 Wisconsin 3 yomfing 152,92 Alabama 10,36	3 193	33.9	21.5	.55	.52	151	157
Louisiana	3 332	-	61.3	.55	.55	156	201
Louisiana	7 2,553	75.1	40.5	.68	.62	130	129
Maryland 4,17 Massachuselts 2,09 Michigan 5,48 Minnesota 24 New Hampshire 24 New Jersey 1,08 New York 2,95 North Carolina 4,40 Ohio 9,95 Pennsylvania 8,15 South Carolina 6 Tennessee Virginia 1,75 West Virginia 19,92 Wisconsin 3: yoming 152,92 Alabama 10,36		100.0	100.0	.45	.51	161	205
Massachusetts 2,09 Michigan 5,48 Minnesota 24 New Hampshire 24 New Jersey 1,08 New York 2,95 North Carolina 4,40 Ohio 9,95 Pennsylvania 8,15 South Carolina 6 Tennessee Virginia 1,75 West Virginia 19,92 Wisconsin 3 yoming 152,92 Alabama 10,36		76.0	67.1	.83	.98	155	
Michigan 5,48 Minnesota 24 New Hampshire 24 New Jersey 1,08 New York 2,95 North Carolina 4,40 Ohio 9,95 Pennsylvania 8,15 South Carolina 6 Tennessee Virginia 1,75 West Virginia 19,92 Wisconsin 3 yoming 152,92 Alabama 10,36	•	97.7	85,0	.98			156
Minnesota 24 New Hampshire 24 New Jersey 1,08 New York 2,95 North Carolina 4,40 Ohio 9,05 Pennsylvania 8,15 South Carolina 6 Tennessee Virginia 1,75 West Virginia 19,92 Wisconsin 3: yoming 152,92 Alabama 10,36		81.2			.96	172	168
New Hampshire 24 New Jersey 1,08 New York 2,95 North Carolina 4,40 Ohio 9,95 Pennsylvanla 8,15 South Carolina 6 Tennessee Virginla Virginla 19,92 West Virginla 19,92 Wisconsin 3: yoming 152,92 Alabama 10,36t			75.5	.65	.67	169	170
New Jersey 1,08 New York 2,95 North Carolina 4,40 Ohio 9,05 Pennsylvania 8,15 South Carolina 6 Tennessee Virginia 1,75 West Virginia 19,02 Wisconsin 3 yoming 152,92 Alabama Arkansas 10,36	- 2	27.0	100.0		.95		169
New York 2,95 North Carolina 4,40 Ohio 9,95 Pennsylvanla 8,15 South Carolina 6 Tennessee 1,75 Wirginia 19,92 Wisconsin 3: Yoming 152,92 Alabama 10,36t		37.2	80.0	1.27	1.68	173	175
North Carolina 4,40 Ohio 9,95 Pennsylvania 8,15 South Carolina 6 Tennessee 1,75 West Virginia 19,92 Wisconsin 3 yoming 152,92 Alabama 10,36		90.6	86.8	1.17	1.02	179	181
Ohio 9,05 Pennsylvania 8,15 South Carolina 6 Tennessee 1,75 Wirginia 19,92 Wisconsin 3: yoming 152,92 Alabama 10,366	•	86.7	88.2	1.53	1.56	160	160
Pennsylvania 8,15 South Carolina 6 Tennessee 1,75 Virginia 19,92 Wisconsin 3 Yyoming 152,92 Alabama 10,366	•	85.5	80.2	.66	.65	177	177
South Carolina 6	10,767	76.4	76,1	1.57	1.49	148	148
South Carolina 6		96.1	96.5	2.35	2.36	152	146
Tennessee 1,75 Virginia 1,75 West Virginia 19,92 Wisconsin 3: yoming 152,92 Alabama 10,366		78.1	77.9	.78	.79	179	182
Virginia 1,75 West Virginia 19,92 Wisconsin 3: Yoming 152,92 Alabama 10,366	10	-	100.0	.,,	.57	-	
West Virginia 19,92 Wisconsin 3: yomfing 152,92 Alabama 10,36i		64.4	69,4	.78	.75		158
Wisconsin 3: yoming 152,92 Alabama 10,36i	•					156	155
yoming	•	89.2	78.1	1.51	1.44	157	151
Alabama 10,36			-	1,54	1.24	167	164
Arkansas 10,366	•	85.1	85.2	.43	-44	132	134
	216	•	-	-	.44	-	170
Colorado	• • • • •	100.0	100.0	.37	.39	161	163
	4,517	100.0	100.0	.37	.39	110	105
Georgia		-	-	.41	.37	153	157
Illinois		79.7	92.7	.40	.43	262	
Indiana 9,47		83.1	83.1	.40			286
	10,000				,39	128	128
	1 (070	68.4	66.8	.41	.43	101	105
Kansas 10,69		88.0	92.8	,39	.41	119	122
Kentucky 500	11,563	100.0	65.2	1.42	.40	124	123
Louisiana	11,563 213	100.0	100.0	.50	.54	176	181
Michigan 2,428	11,563	42.8	32.7	.35	.34	112	111
Minnesota	11,563 213	99.6	99.3	.31	.31	119	119
Missouri	11,563 213 6,535	65.7	64.9	.42	.43	96	97

Table 17. Origin of Coal Received at Electric Utility Plants by Destination, January-October 1991 (Continued)

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1991	1990	1991	1990	1991	1990	1991	1990
/yoming								
Nebraska	7,417	6,815	78.5	75.8	0.41	0.42	76	76
Nevada	298	508	100.0	100.0	.46	.45	198	203
New York	9		-	•	.43		191	_
Ohio	34	_	-	_	.36	-	144	_
Oklahoma	12,731	11,210	89.2	93.6	.44	.45	132	139
Oregon	1,492	627	60.2	100.0	.37	.37	109	109
South Dakota	` -	11	_	-	-	.41	-	114
Texas	28,635	27,680	95.3	94.5	.42	.44	182	184
Washington	-	348	-		-	.35	-	127
Wisconsin	9,452	8,739	66.6	69.2	.40	.41	111	111
Wyoming	18,303	18,884	87.9	84.3	.59	.61	84	84
nported Coal	1,698	1,071	54.9	64.8	.59	.61	156	174
Canada	· -	34		-	-	.97	-	181
New Hampshire	-	34	_	-	-	,97	-	181
Colombia	1,428	847	49.3	72,4	.62	.62	154	172
Florida	1,428	782	49.3	78.3	.62	.62	154	172
Massachusetts	-	64	-	-	-	.61	-	179
Venezuela	269	191	84,3	42.5	.44	.47	165	183
Florida	42	40	-	•	.43	.63	127	171
Massachusells	49	70	100.0	-	.59	.48	167	181
New Hampshire	179	81	100.0	100,0	.40	.39	174	189
.S. Total	638,610	658,848	85.8	82.6	1,26	1.29	145	146

Notes: Total may not equal sum of components because of Independent rounding. MM Blu represents million Blu. Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Methodology

Weekly Data

Estimates of national weekly coal production are based on weekly carload data collected by the Association of American Railroads (AAR) from its members (Class I Railroads) and certain other railroads. EIA calculates the average number of tons per carload for each railroad's coal car fleet from information obtained from the most recent Quarterly Freight Commodity Statistics filed by Class I Railroads with the Interstate Commerce Commission (ICC) and from data made available by individual railroads. The average number of tons per carload is then multiplied by the number of cars loaded to obtain an estimate of weekly production shipped by AAR railroads.

Next, the weekly coal production estimate for a specific week is obtained by dividing the AAR rail tonnage for the week by a factor representing the proportion of quarterly AAR rail shipments to total quarterly coal production. Because this is done on a weekly basis, and prior to completion of current quarterly statistics, the factor is derived using ICC data on tons per carload and total carloadings and from EIA data on total production for the same quarter of the previous year. Figures for the same quarter of the year are used in order to reflect seasonal variation. In some cases, the ratio of rail tonnage to total production is adjusted to take additional, more current information consideration, such as rail or coal strikes.

Once the U.S. weekly coal production estimate is determined, this total is split into two subtotals - the portion representing States, with little or no rail coal shipments, and the portion representing the remaining States, where a significant percentage of production is shipped by rail. The States with little or no railroad coal shipments are Alaska, Arizona, California, Georgia, Iowa, Kansas, Louisiana, Missouri, Texas, and Washington. With the exception of California and Louisiana, the weekly production data for each "nonrail" State are developed by multiplying the estimate of U.S. weekly coal production by the ratio of projected production, for each State to U.S. total projected production, for the current quarter. The methodology used to project State coal production is given in the EIA publication Model Documentation of the Short-Term Coal Analysis System (DOE/EIA-0394). The EIA contacts the sole producer in Louisiana and California to obtain weekly production data.

Estimates for the remaining States are in aggregate equal to the U.S. weekly coal production minus the estimated production from the nonrail States.

Estimates for "rail States" are based on the AAR carload data compiled by State of origin, including separate estimates for the anthracite and bituminous coal regions in Pennsylvania, eastern and western Kentucky and northern and southern West Virginia.

Each railroad is contacted at least annually for information concerning the distribution (by state of origin) of its railroad carloadings of coal. These distribution percentages are multiplied by the railroad's weekly loadings and ICC derived tonnage per carload figures, to derive the weekly tonnages loaded by State and by railroad. The tonnages loaded by the various railroads are then summed by each State to estimate total production shipped by AAR rail for that State. These tonnages are divided by the most recent ratio of annual AAR rail tonnage to total annual production for each State. The resulting weekly coal production estimates for the rail States are then adjusted to ensure that each State's production figure contributes proportionately to the weekly coal production estimate previously derived in aggregate for the rail States.

Monthly Data

Preliminary estimates of monthly coal production by State are obtained by summing weekly coal production estimates published in the Weekly Coal Production report. If a week extends into a new month, the production is allocated by day, and the days are added to the month in which they occur. For weeks without holidays, the allocation is Monday through Friday, 18.4 percent each day; Saturday, 8 percent; and Sunday, 0 percent. For weeks with a holiday occurring on a day other than Sunday, the allocation is Sunday and the holiday, 0 percent; and any other day, 20 percent.

Preliminary weekly and monthly production estimates are revised quarterly when quarterly production data, become available. Preliminary weekly and monthly estimates are proportionately adjusted to conform to the quarterly production figure.

Quarterly Data

Estimates of quarterly coal production are based on data collected quarterly on Form EIA-6, with certain adjustments. The national estimate of quarterly coal production is set equal to the quarterly U.S. coal production total as reported on the Form EIA-6. Based on 1988 through 1990 data, the coal production estimation error for a quarter at the national level (i.e., the difference between the sum of

the weekly estimates for a quarter and the quarterly EIA-6 preliminary data) ranges from 1 percent to 4 percent for 1988, 1 percent to 2 percent for 1989, and 0.3 percent to 3 percent for 1990.

The quarterly production data, although published throughout the year, are considered preliminary until EIA annual production data are finalized in September of the following year. At that time quarterly production data are revised (proportionately adjusted) to conform to the final annual production figures.

Finalizing Annual Production

Preliminary total annual U.S. coal production, as reported in the Weekly Coal Production report in the first week in January of the following year, is the sum of revised monthly/quarterly estimates of production for the first 9 months (first three quarters) and a preliminary estimate of fourth quarter production derived from weekly estimates.

When production data for the fourth quarter of the year become available from Form EIA-6 in March of the following year, the preliminary fourth-quarter U.S. total production figure and corresponding Statelevel figures may or may not be revised, depending on the size of the difference between the estimates and fourth-quarter data. As a general practice, EIA does not revise the initial annual production estimates (determined initially in January of the following year). Weekly, monthly, and quarterly State and national production data are adjusted to conform to finalized annual production figures derived from Form EIA-7A, in September of the following year.

Based on 1988 through 1990 data, the revision error for a quarter at the national level (i.e., the difference between the EIA-6 preliminary data and the EIA-7A final data) ranges from 0.02 percent to 0.08 percent for 1988, 0.09 percent to 0.14 percent for 1989, and 0.01 percent to 0.05 percent for 1990. Usually the EIA-7A coal production data are higher than the EIA-6 coal production data, due to differences in the threshold reporting requirements.